

AnyOne
Can Code

LEARN
PRACTICE
BUILD
GROW



BETTER
SKILLS
BRIGHTER
FUTURE

BPST Software Education

Bridging the Gap Between
Current Education & Industry Requirements

Learn ● Practice ● Build ● Work Like an Industry Professional ● Get Job Ready

Industry-oriented technology training with live projects, coding sessions, team collaboration, Agile/Scrum exposure, testing, deployment and career preparation.

FROM
LEARNING
TO
A BRIGHTER
TOMORROW

SKILLS
PROJECTS
PEOPLE
OPPORTUNITIES
REAL IMPACT

IDEAS
CODE
PROJECTS
CAREERS

Build
A Better
Tomorrow

LEARN
PRACTICE
BUILD
DEPLOY
GET HIRED

TECHNOLOGIES WE COVER



C



Java



Python



C#



.NET



Angular



React



AI



Android



iOS



Docker



SQL



Cloud



Cyber Security



Data Analytics

OUR COURSE PORTFOLIO



Software Development
& Full Stack



Data Analytics
& Data Science



AI / ML



Generative AI /
Agentic AI



Cloud & DevOps



Cyber Security



Mobile App
Development



Game Development

PROGRAM DURATIONS



45-Day
Crash Course

Fast-track your skills



3-Month
Program

Build projects, gain confidence



6-Month
Industry Program

In-depth learning, real exposure



Innovate.



Build.



Empower.

Building Solutions
for a Better Tomorrow

Director's Vision

Bridging the Gap Between Education and Industry

Today's education system often teaches us concepts, but it rarely provides the real-world exposure needed in industry. At BPST, we bridge this gap by offering industry-oriented training with strong fundamentals, hands-on coding sessions, live projects, team collaboration, Agile/Scrum exposure, testing, deployment, communication and career preparation. Our goal is to transform learners into confident, skilled and industry-ready professionals who can contribute from day one.

— *Building a Better Tomorrow Together*

"Empowering Learners for a Brighter Tomorrow."

— Director
BPST Software Education



BPST Software Education
Bridging the Gap

AnyOne Can Code

SKILLS
PEOPLE
OPPORTUNITIES
REAL IMPACT

EDUCATION
TODAY
BRIGHTER
TOMORROW

LEARN
PRACTICE
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GROW
GET HIRED



Learn



Practice



Build



Work Like an
Industry Professional



Get Job Ready

Why BPST?

More Than Learning,
A Real-World Experience



Live Projects

Work on real-world industry projects



Coding Sessions

Learn by doing, not just theory



Team Work

Collaborate, communicate, grow



Industry Environment

Experience real industry practices



Agile/Scrum Exposure

Learn modern development methodologies



Interview Preparation

Mock interviews & placement support



Career Guidance

Personalized mentorship for your career



Deployment Experience

Test, deploy and see your work in action

*Better Skills
Brighter Future*

A Student Journey at BPST

From Fundamentals to a Brighter Career



Who Can Join?

B.Tech | BCA | MCA | Polytechnic | Diploma
Graduates | Freshers | Career Switchers | School/College Students

GOOD
LEARNERS
GREAT
PROFESSIONALS

*Learn
Build
Grow
Together*



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Build Skills for a Brighter Tomorrow

BPST Software Education

BRIDGING THE GAP BETWEEN EDUCATION & INDUSTRY



BPST Software Education

Learn | Practice | Build | Grow

Career-Focused Programs

BPST offers market-relevant, industry-oriented programs designed for practical learning, real project exposure and job readiness.



Industry Relevant



Hands-on Learning



Real Projects & Exposure



Job-Ready Skills

SKILLS
PEOPLE
PROJECTS
BETTER
CAREERS

AnyOne
Can Code

OUR RECOMMENDED COURSE PORTFOLIO

LEARN TODAY
LEAD TOMORROW

01



Software Development & Full Stack

Learn complete web development from fundamentals to advanced full stack with real projects.

HTML, CSS, JavaScript, Bootstrap, React, Angular, Node.js, .NET, MVC, REST APIs, Databases & more.

Build Web Solutions >

02



Data Analytics & Data Science

Turn data into insights with industry tools, analytics and real-world case studies.

Excel, SQL, Python, Statistics, Data Visualization, Power BI, Machine Learning.

Analyze Data. Drive Decisions >

03



Artificial Intelligence / Machine Learning

Build intelligent solutions with machine learning algorithms and real-world AI applications.

Python, ML Algorithms, Deep Learning, NLP, Computer Vision, Model Deployment.

Build Intelligent Systems >

04



Generative AI / Agentic AI / AI Agents

Learn the next generation of AI with LLMs, AI agents and automation workflows.

LLMs, RAG, Prompt Engineering, AI Agents, AI Workflows, Automation, Real-world Use Cases.

Create with AI >

05



Cloud Computing & DevOps

Master cloud infrastructure, DevOps tools and deployment practices for modern applications.

AWS / Azure, Docker, Kubernetes, CI/CD, Infrastructure as Code, Monitoring, DevOps Practices.

Deploy at Scale >

06



Cyber Security & Ethical Hacking

Learn to protect systems, find vulnerabilities and build secure applications.

Network Security, Web Security, Ethical Hacking, Penetration Testing, Security Tools, Risk Management.

Secure the Digital World >

07



Mobile App Development (Android / iOS)

Build powerful mobile applications for Android and iOS platforms with real projects.

Android (Kotlin/Java), iOS (Swift), APIs, Firebase, UI/UX, App Deployment, Play Store / App Store.

Build for Mobile >

08



Game Development

Learn game programming, 2D/3D game design and build interactive games.

Unity, C#, 2D / 3D Development, Game Physics, Animation, UI/UX, Game Deployment.

Turn Ideas into Games >

TECHNOLOGY & SKILLS MAP



C



Java



Python



C# / .NET



MVC



REST APIs



Micro Service Architecture



Advanced UI (Angular / React)



Components



Micro Frontend



AI / AI Workflows



Database Development



SQL



Docker



Cloud



Testing



Deployment

CORE LEARNING MODEL



Learn



Practice



Build



Collaborate



Deploy



Get Job Ready

PROGRAM DURATION OPTIONS



45-Day
Crash Course

Fast-track
your skills



3-Month
Program

Build projects,
gain confidence



6-Month
Industry Program

In-depth learning,
real exposure.



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Build.



Empower.

Better Skills
Brighter Futures

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Can Code

LEARN
PRACTICE
BUILD
GROW

Software Development & Full Stack

From Fundamentals to Real-World Applications

Get practical, industry-oriented software development training that takes you from core programming fundamentals to modern web and backend engineering, with hands-on projects, real tools and industry best practices.

● Learn ● Practice ● Build ● Gain Experience ● Get Job Ready

CODE
PRACTICE
SOLVE
BUILD
GROW

BETTER
SKILLS
BRIGHTER
FUTURE



DETAILED SYLLABUS



01 Web Fundamentals

HTML, CSS, Bootstrap, JavaScript, Internet & Web Architecture.



02 Programming Fundamentals

Variables, data types, operators, conditions, loops, arrays, functions, data structures, OOP, problem solving.



03 Programming Languages

C, Java, Python, C# fundamentals and hands-on practice.



04 Backend Development

C# / .NET, ASP.NET Core, MVC, REST APIs, authentication basics, building real-world services.



05 Database Development

SQL, schema basics, queries, joins, CRUD operations, database integration with applications.



06 Frontend Development

Angular, React, reusable components, advanced UI, responsive design, micro frontend concepts.



07 Architecture & Engineering

Micro Service Architecture, Git/GitHub, testing, debugging, Docker, deployment basics.

“Learn,
Build,
Deploy,
Grow.”

REAL SKILLS.
REAL OPPORTUNITIES.

WEEK-WISE ROADMAP

Choose Your Path. Build Your Future.



45-Day Crash Course

Fast-track your skills

- Week 1** **Web Basics**
HTML, CSS, JS, Bootstrap
- Week 2** **Programming Fundamentals**
Variables, loops, functions, OOP
- Week 3** **Database + Backend Intro**
SQL basics, C# / .NET intro
- Week 4** **UI / API Integration**
Connect frontend & backend
- Week 5** **Testing + Deployment Basics**
Debugging, testing, Docker intro
- Final Phase** **Mini Project**
Build and deploy a complete app



3-Month Program

Build projects, gain confidence

- Weeks 1 - 2** **Web & Programming Basics**
HTML, CSS, JS, Bootstrap, fundamentals
- Weeks 3 - 4** **C / Java / Python Basics**
Core concepts & problem solving
- Weeks 5 - 6** **C# / .NET + MVC**
ASP.NET Core, MVC, APIs
- Weeks 7 - 8** **SQL + REST APIs**
Database design, queries, API development
- Weeks 9 - 10** **Angular / React**
Components, advanced UI, responsive design
- Weeks 11 - 12** **Guided Team Project**
End-to-end application development



6-Month Industry Program

In-depth learning, real exposure

- Weeks 1 - 4** **Fundamentals**
Web basics, programming basics, problem solving
- Weeks 5 - 8** **Programming + Database**
C, Java, Python, C#, SQL
- Weeks 9 - 12** **Backend Development**
.NET, ASP.NET Core, MVC, REST APIs, authentication
- Weeks 13 - 16** **Frontend Development**
Angular, React, advanced UI, micro frontend concepts
- Weeks 17 - 20** **Microservices & DevOps**
Microservices, Git/GitHub, testing, Docker, deployment
- Weeks 21 - 24** **Live Project + Career Ready**
Industry-style project, deployment, interview preparation

WHAT YOU WILL ACHIEVE



Build a Strong Portfolio
Real-world projects



Practical Industry Skills
Job-ready knowledge



Confidence to Build & Deploy
From learning to real execution



Understand Production Workflows
Tools, team collaboration, best practices



Interview Readiness
Guidance & mock support



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BPST Software Education
Bridging the Gap Between
Current Education & Industry Requirements

BETTER
SKILLS
BRIGHTER
FUTURE

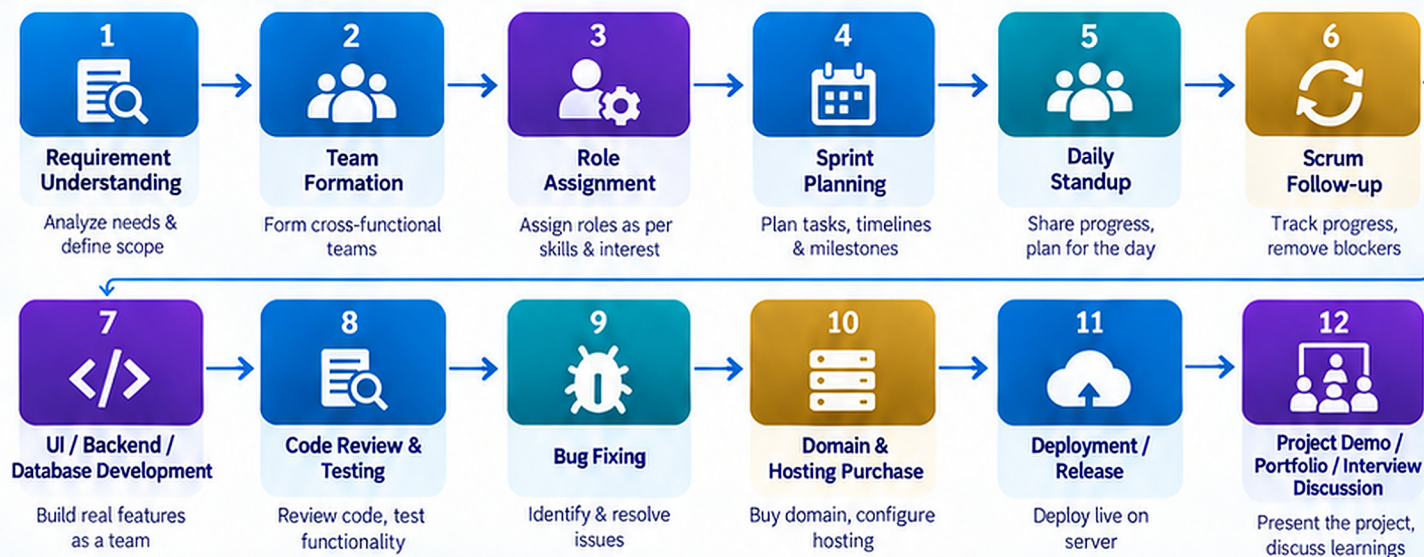
Learn by Building in an Industry Environment

From Fundamentals to Live Project Delivery

At BPST, learning goes beyond theory. After completing the fundamentals, students are divided into teams and assigned real-time projects. Our trainers work as Project Managers / Technical Mentors, guiding and monitoring progress, while students work like a real software development team – planning, building, testing and delivering a complete solution.



Our Live Project Model | A Complete Project Lifecycle Experience



Live Project Roles | Work Together. Learn Together. Grow Together.



What Students Experience — Real Work. Real People. Real Learning.

- Hands-on coding sessions with real project tasks
- Team collaboration and Agile/Scrum exposure
- Daily standup and progress tracking
- Testing, debugging and quality assurance
- Communication and presentation skills
- Version control with Git & GitHub
- Release and deployment process
- Client-style thinking and problem solving

Why This Matters — More Than a Course – A Career Advantage.

- Builds Confidence**
Work on real projects and solve real problems.
- Develops Teamwork**
Learn to collaborate like industry professionals.
- Provides Practical Exposure**
Experience real development workflows and tools.
- Creates a Strong Portfolio**
Build live projects to showcase your skills.
- Prepares for Interviews**
Gain talking points and real experience for job interviews.



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Build.



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Building Solutions
for a Better Tomorrow

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LEARN
PRACTICE
BUILD
GROW

DATA
INSIGHTS
REAL IMPACT

BPST Software Education
Bridging the Gap Between
Education & Industry Requirements

Data Analytics, Data Science & AI / ML

Transform Data into Insights.
Build Intelligent Solutions for a Better Tomorrow.



Real-World
Projects



Industry
Relevant Skills



Hands-on
Tools & Technologies



Career Ready
Portfolio

Data
Drives a
Brighter
Tomorrow

DATA
ANALYTICS
AI / ML
OPPORTUNITIES
BRIGHTER FUTURE

1 Data Analytics & Data Science

From Raw Data to Real Decisions

What You'll Learn

- Excel (Data Handling)
- SQL (Database Queries)
- Python (Data Analysis)
- Data Analysis Techniques
- Statistics Basics
- Data Cleaning & Preparation
- Dashboards (Power BI)
- Data Visualization
- Insight Generation
- Real-World Projects

Program Outcomes

- Read and understand data effectively
- Analyze patterns and find meaningful insights
- Build interactive dashboards
- Present business insights with confidence

Learning Roadmap



45-Day Crash Course

Week 1	Excel + Data Basics
Week 2	SQL for Data Analysis
Week 3	Python for Data
Week 4	Analysis + Visualization
Final	Dashboard Mini Project



3-Month Program

Weeks 1-2	Excel / SQL
Weeks 3-4	Python for Data
Weeks 5-6	Statistics & Cleaning
Weeks 7-8	Data Analysis
Weeks 9-10	Power BI / Visualization
Weeks 11-12	Capstone Project



6-Month Industry Program

Weeks 1-4	Data Foundations
Weeks 5-8	SQL / Python
Weeks 9-12	EDA & Visualization
Weeks 13-16	Dashboards & Reporting
Weeks 17-20	Data Science Foundations
Weeks 21-24	Project + Interview Prep

2 Artificial Intelligence / Machine Learning

Learn Intelligence. Build Real Solutions.

What You'll Learn

- Python for AI / ML
- Machine Learning Basics
- Supervised Learning Concepts
- Unsupervised Learning Concepts
- Model Training & Evaluation
- Feature Engineering Basics
- Deep Learning Concepts
- AI API Integration
- Real-World AI Use Cases
- Hands-on Projects

Program Outcomes

- Understand the complete ML workflow
- Prepare and process data for modeling
- Build and evaluate beginner-level models
- Explain and use AI/ML practically in real scenarios

Learning Roadmap



45-Day Crash Course

Week 1	Python + ML Basics
Week 2	Data Preprocessing
Week 3	Beginner Models
Week 4	Evaluation & Tuning
Final	Mini AI Use Case



3-Month Program

Weeks 1-2	Python & ML Concepts
Weeks 3-4	Model Building
Weeks 5-6	Evaluation & Tuning
Weeks 7-8	Deep Learning Intro
Weeks 9-12	Guided Project



6-Month Industry Program

Weeks 1-4	AI / ML Foundations
Weeks 5-8	Data Preparation
Weeks 9-12	ML Modeling
Weeks 13-16	Multiple Algorithms
Weeks 17-20	Deep Learning Intro
Weeks 21-24	End-to-End Project

From Data to Decision-Making
to Intelligent Applications



Data



Insights



Decisions



Intelligent
Applications

Build a
Better Tomorrow
with Data & AI



Innovate.



Build.



Empower.

Technology Skills for a Brighter Future

Emerging Tech & Modern Engineering Tracks

Future-Ready Skills for a Connected World

Explore the most in-demand technologies shaping tomorrow. Our specialized tracks provide hands-on learning, real-world projects and industry-focused training to help you build future-ready skills and accelerate your career.

SKILLS
TODAY
INDUSTRY
TOMORROW

01 Generative AI / Agentic AI / AI Agents

Create | Automate | Augment | Build the Next AI Era



What You Will Learn

- ✓ Prompt engineering
- ✓ LLMs (Large Language Models)
- ✓ RAG (Retrieval Augmented Generation)
- ✓ AI workflows & AI automation
- ✓ AI agents & multi-agent concepts
- ✓ Tool integration (APIs, LangChain etc.)
- ✓ AI application development



Program Outcomes

Build AI-powered workflows and understand how intelligent agents work.

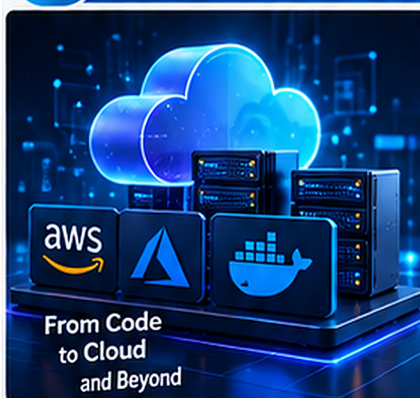


Week-wise Learning Roadmap

45-Day Crash Course	W1-2 Fundamentals & Prompting	W3-4 LLMs, RAG & Tools	W5-6 Build AI Apps & Agents
3-Month Program	W1-4 Core Concepts & Tools	W5-8 AI Workflows & Agents	W9-12 Projects & Deployment
6-Month Industry Program	W1-4 Fundamentals	W5-12 Advanced AI, Multi-Agents	W13-24 Real-world Projects & Industry Use Cases

02 Cloud Computing & DevOps

Build | Deploy | Scale | Power the Digital World



What You Will Learn

- ✓ Cloud fundamentals
- ✓ Azure / AWS basics
- ✓ Git / GitHub
- ✓ Docker (containerization)
- ✓ CI/CD pipelines
- ✓ Hosting & deployment
- ✓ Cloud operations basics



Program Outcomes

Understand deployment, delivery, and cloud-based application workflows.



Week-wise Learning Roadmap

45-Day Crash Course	W1-2 Cloud Basics & Git	W3-4 Docker & CI/CD	W5-6 Deployment & Projects
3-Month Program	W1-4 Cloud & Containers	W5-8 CI/CD & Hosting	W9-12 Cloud Operations & Real Projects
6-Month Industry Program	W1-4 Fundamentals	W5-12 Advanced DevOps, Multi-Cloud	W13-24 Production Deployment & Ops

03 Cyber Security & Ethical Hacking

Learn | Protect | Defend | Build a Safer Digital Tomorrow



What You Will Learn

- ✓ Cyber security fundamentals
- ✓ Network security
- ✓ Web security
- ✓ Ethical hacking basics
- ✓ Vulnerability assessment
- ✓ Application security
- ✓ Security best practices



Program Outcomes

Understand safe systems and modern security awareness.



Week-wise Learning Roadmap

45-Day Crash Course	W1-2 Security Basics & Networks	W3-4 Web Security & Hacking Basics	W5-6 Vulnerability Assessment
3-Month Program	W1-4 Core Security Concepts	W5-8 Ethical Hacking & App Security	W9-12 Tools, Labs & Projects
6-Month Industry Program	W1-4 Fundamentals	W5-12 Advanced Security, Real-world Labs	W13-24 Capstone Projects & Industry Scenarios

WHY THESE TRACKS MATTER?

Generative AI, Cloud & DevOps, and Cyber Security are driving real change across industries. These skills open up high-growth career opportunities and prepare you for the future of work.

HIGH DEMAND ACROSS INDUSTRIES



Innovate.



Build.



Empower.

Building Solutions
for a Better Tomorrow

Expand
Your Possibilities

SKILLS | PROJECTS | PLACEMENTS
A BRIGHTER TOMORROW AWAITS



AnyOne
Can Code

More Career Pathways at BPST

Explore in-demand domains with hands-on training, real projects and industry-focused learning.



1. Mobile App Development Android / iOS

Build Apps.
Shape the Future.

What You'll Learn

- ✓ Mobile app fundamentals
- ✓ Android development
- ✓ iOS development
- ✓ API integration
- ✓ Mobile UI / UX design
- ✓ Database integration
- ✓ Deployment basics

Learning Roadmap



45-Day

Learn the basics, build simple apps



3-Month

Build advanced apps, integrate APIs



6-Month

Work on real-world apps, deploy to app stores



2. Game Development Turn Your Ideas into Interactive Worlds

Play. Create.
Build Careers.

What You'll Learn

- ✓ Game programming
- ✓ Game design concepts
- ✓ 2D / 3D basics
- ✓ Game UI / user experience
- ✓ Project development
- ✓ Publishing basics

Learning Roadmap



45-Day

Learn game development basics



3-Month

Build 2D/3D games, create full projects



6-Month

Polish games, publish and build your portfolio



3. Career & Job-Readiness Support From Learning to Earning

Get Job Ready.
We Support You.

- ✓ Personality development
- ✓ Communication skills
- ✓ Mock interviews
- ✓ Technical interview preparation
- ✓ HR interview preparation
- ✓ Resume guidance
- ✓ Job hunting support
- ✓ Relevant interview opportunities



"Skills get you in.
Preparation keeps you ahead."



Learn
Prepare
Get Hired



Your Career
Our Support
A Brighter Tomorrow

Program Duration

Choose the path that fits your goals



45-Day

Crash Course

Fast-track your skills



3-Month

Program

Build projects, gain confidence



6-Month

Industry Program

In-depth learning, real exposure

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Current Education & Industry Requirements

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SAME
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Building
Better Careers
Together



Learn
Today



Build
Skills



Grow
Together



Succeed
Tomorrow

Don't Just Learn Technology.
Learn How the Industry Works.

Get In Touch



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Learn.
Build.
Belong.



Real Skills.
Real Projects.
Real Opportunities.



Your Growth.
Our Commitment.
A Better Tomorrow.

Admissions Open

Start Your Tech Journey Today >



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08 / 08