

BCA Degree + Skills Program by Shiva Concept Solution

First Year: Foundation / Web Specialization

- HTML, CSS, JavaScript: Fundamentals of web development including layout design, interactivity, and responsive design.
- Frontend Framework: React.js or Angular - SPA development, component lifecycle, state management.
- Full Stack Development Options (Choose One):
 - * MERN Stack (MongoDB, Express.js, React.js, Node.js)
 - * Java Full Stack (Java, Spring Boot, Hibernate, JSP)
 - * Python Full Stack (Python, Django/Flask, SQL)
- 1 Live Project: Complete real-world project based on chosen stack.

Second Year: Data Science + AI + ML / Data Analytics & Modern Technologies

- Learn Python in Depth: Advanced Python, libraries like NumPy, Pandas, Matplotlib.
- Data Structures & Algorithms (DSA): Core logic building and coding problem solving.
- Choose Specialization (Choose One):
 - * Machine Learning & AI: Supervised, Unsupervised Learning, Deep Learning, NLP.
 - * Data Analytics: Data visualization, Dashboard creation, Power BI/Tableau.
- Project Development: Create a live data-driven project.

Third Year: Project & Real-World Practice

- Learn Cloud: Basics of AWS/GCP, deployment, storage, compute and serverless applications.
- Internship: 3 to 6 months internship with live project experience.
- Mock Interview Preparation: Weekly practice sessions, HR + Technical interview rounds.
- Resume & LinkedIn Profile Building: Professional profile creation, portfolio building.
- Job Support: Placement assistance, job portal referrals, interview scheduling.