



CERTIFIED BACKEND DEVELOPER

Certified Backend Developer – SSB


Level Up Your Backend Skills with SSB!

Program Overview

Master the **core concepts of backend development** with **SSB's immersive course**. Whether you're a **coding enthusiast** or an **experienced developer** looking to refine your expertise, this program equips you with the skills to **build secure, efficient, and scalable web applications**.

In **SSB's Backend Developer Course**, you'll gain proficiency in essential **programming languages** such as **Java, Node.js**, and frameworks like **Express.js**. Under the guidance of **expert mentors**, you'll learn to **design databases, manage APIs, and optimize application performance** for seamless user experiences.

Our **project-driven curriculum** focuses on **real-world applications**, helping you tackle **backend security challenges**, master **deployment strategies**, and **enhance system architecture**.

 Join SSB's Backend Developer Course today and take your development skills to the next level!

Key Features



Course Length

3 Months



Effort Required

10 Hours a Week



Model

Instructor-Led sessions with expert guidance



Class Size

Limited to 20 students



Format

Available both Online & Offline/ Live projects



Training Structure

80% Practical, 20% Theory for hands-on experience

Tools You Will Learn



Express JS



node



MySQL



Socket.io

[Socket.io](https://socket.io/) for real-time applications



MongoDB



Saas

Curriculum/Syllabus



Module 1: Dynamics Web Apps with Node.js & MongoDB

- Introduction to Node.js and its event-driven architecture
- Understanding Node.js, npm, and MongoDB
- Connecting Node.js to MongoDB
- Node.js modules and the CommonJS pattern
- Asynchronous JavaScript concepts
- Working with file operations and fs module
- Promises and the async/await syntax in Node.js



Module 2: Express.js Framework

- Introduction to Express.js for building web applications
- Creating a basic web server with Express
- Exploring routing and middleware concepts in Express



Module 3: RESTful APIs with Node.js, Express, and MongoDB

- Designing RESTful APIs using Express
- Integrating MongoDB with Node.js using Mongoose
- Performing CRUD operations with MongoDB and Mongoose
- Authentication and Authorization with Passport.js and JWT
- Testing and Debugging Node.js applications
- Real-time Applications with [Socket.io](#)



Module 4: Data Structure and Algorithms

- Stack and Queue implementations
- Searching and Sorting algorithms
- Tree and Graph data structures
- Hash Tables and Collision Resolution Techniques



Module 5: Project and Practice

Building and deploying a backend application using Node.js with databases like MySQL, PostgreSQL, or MongoDB, covering authentication, API development, performance optimization, testing, and DevOps.

Certification

Upon successful completion, you'll receive our industry-recognized certificate and gain access to exclusive career opportunities.

PROFESSIONAL CERTIFICATION

You will receive an official Certificate of Completion from Shivacha School of Blocktech, validating your backend development expertise and enhancing your professional credentials.

CAREER ADVANCEMENT

Internship and placement opportunities available with our industry partners, offering real-world experience and potential career advancement in leading tech companies.


EXPERT MENTORSHIP


Learn directly from industry professionals with years of experience:


 Chandrakant Singh

 Rupesh Kumar

 Vaani Shree

 Isha Gill

 Anurag Singh

 SHIVACHA SCHOOL
SCHOOL OF BLOCKTECH

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Backend Developer

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Career Options After Course Completion

Business Analysts

Apply your backend knowledge to analyze business processes and requirements

Professionals Working with Managerial, Strategic, or Operational functions

Leverage technical expertise to enhance decision-making in various business roles

Solution Architects

Design comprehensive technical solutions for complex business problems

Product Managers

Guide product development with deep technical understanding

Entrepreneurs

Build your own tech ventures with solid backend foundations

Developers and Software Engineers

Create robust applications with advanced backend capabilities

Project Managers and Team Leads

Lead technical teams with confidence and expertise

Technology Leaders

Shape technical strategy and innovation in organizations

Contact Information:



Certificate Programme In:

BACKEND DEVELOPMENT

YOUR DREAM CAREER! JUST A CLICK AWAY!!!

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