

Shubham Bhattacharya

Backend Developer — Node.js · Express.js · MongoDB · Socket.IO

+91 9155252394 | shubhambhattacharya107@gmail.com | [shubhambhattacharya.dev](#) | [LinkedIn](#) | [GitHub](#) | Vadodara, Gujarat

PROFESSIONAL SUMMARY

Final-year BCA student specializing in backend development with hands-on experience building REST APIs and real-time applications using Node.js, Express, MongoDB, and Socket.IO. Implemented JWT-based authentication, protected routes, middleware, and database schema design. Seeking a backend internship to contribute to scalable, real-world systems.

TECHNICAL SKILLS

Backend & APIs:	Node.js, Express.js, REST APIs, JWT Authentication, Middleware, Socket.IO, Protected Routes
Databases:	MongoDB, Mongoose ODM, Schema Design, Indexing, PostgreSQL
Languages:	JavaScript (ES6+), Java (Core), SQL
Frontend:	React.js, Axios
Tools:	Git, GitHub, Postman, Linux, Render (Deployment)

PROJECTS

JustChat – Real-Time Chat Application

[Live](#) | [Code](#)

Node.js · Express · MongoDB · Socket.IO · JWT · bcrypt · React

- Built real-time messaging backend using Socket.IO with event-driven communication
- Implemented JWT authentication with bcrypt password hashing and protected routes
- Designed REST APIs for users, chat rooms, and message storage
- Created MongoDB schemas with indexing for efficient data access
- Deployed on Render and validated under production-like usage

GitHub Clone – API Driven Application

[Live](#) | [Code](#)

Node.js · Express · MongoDB · React · GitHub REST API

- Built Express backend to fetch and serve data from GitHub REST APIs
- Implemented basic caching to reduce repeated external API calls
- Handled API errors and rate-limit scenarios gracefully
- Integrated frontend with backend using Axios for clean client-server communication

EDUCATION

Bachelor of Computer Applications (BCA) — Parul University, Vadodara

2022 – 2026

CGPA: 8.0 / 10 | Relevant Coursework: Data Structures & Algorithms, DBMS, Computer Networks, OS, Web Technologies

CERTIFICATIONS

- Computer Networks and Internet Protocols – NPTEL (IIT)
- Introduction to Database Systems – NPTEL (IIT)
- JavaScript for Beginners – Simplilearn

Immediate joiner for 3–6 month Backend Internship (Node.js / Express) | Open to Remote / Hybrid / On-site | Open to Full-Time Conversion