

Shubham Bhattacharya

Backend Developer (Node.js / Express / MongoDB)

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PROFESSIONAL SUMMARY

Final-year BCA student focused on 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 work on scalable, real-world systems.

TECHNICAL SKILLS

Backend & APIs:

Node.js, Express.js, REST APIs, JWT Authentication (Basic), Middleware, Socket.IO, Protected Routes

Databases:

MongoDB, Mongoose ODM, Schema Design, Indexing, PostgreSQL (Basics)

Languages:

JavaScript (ES6+), Java (Core), SQL

Frontend (Support):

React.js, Axios

Tools:

Git, GitHub, Postman, Linux (Basic), 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 the application on Render and tested under production-like usage

GitHub Clone – API Driven Application

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

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

- Built an 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)

2022 – 2025

Parul University, Vadodara

CGPA: 8.0 / 10

Relevant Coursework: Data Structures & Algorithms, DBMS, Computer Networks, Operating Systems, 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