

Sandipan Das

📞 8335019404 / 6289156937 | ✉ dsandipan3002@gmail.com | 🌐 sandipandas.website
🐙 GitHub | 🔗 LinkedIn | 🚀 LeetCode

ABOUT

Backend-focused Full Stack Developer (B.Tech CSE, 2026) with 2.5 years of freelance experience delivering 10+ live client applications. Strong in Node.js, Express.js, Java/Spring Boot, REST APIs, MongoDB/PostgreSQL/MySQL, and AWS. Also skilled in SAP ABAP and has published an open-source NPM package.

EXPERIENCE

Backend Developer Intern

Jan 2026 – Jun 2026

STUDYBLOOM 24 LLP

Remote

- Developed and maintained backend services for Gyanoda, an educational platform for WBJEE and NEET preparation
- Built **REST APIs** using **Node.js** and **Express.js**, implemented authentication and authorisation, and managed application data in **MongoDB**
- Integrated APIs with web and mobile apps, resolved technical issues, and supported deployment on **AWS** using Nginx and PM2

Freelance Full Stack / Backend Developer

Jan 2024 – Jul 2026

Self-employed | Client projects for India, UK, Australia & New Zealand

Remote

- Delivered production web applications for clients, handling requirements, backend development, integration, and deployment
- Built **REST APIs** with Node.js/Express.js and JWT authentication; integrated identity verification, payments, AWS SES, and Firebase notifications for MelBuddy
- Designed databases using MongoDB, PostgreSQL, and MySQL; resolved production issues and deployed applications using **AWS**, Nginx, PM2, and Docker
- Selected projects:** [Pulpit Fill](#), [Relic Atlas](#), [MyMechanic](#), [CharmTracker](#), [MelBuddy](#)

EDUCATION

Future Institute of Engineering and Management

Oct 2022 – Jul 2026

B.Tech in Computer Science and Engineering | CGPA: 7.39/10 | MAKAUT

Kolkata, West Bengal

Naihati Narendra Vidyaniketan – Higher Secondary (Science) | WBCHSE | 83.6%

2020 – 2022

Shyamnagar Kanti Chandra High School – WBBSE | 89.5%

2015 – 2020

SKILLS

Languages: Java, JavaScript, HTML, CSS, SQL **Frameworks & Libraries:** Node.js, Express.js, Spring Boot, React.js, Redux

Databases: MongoDB, PostgreSQL, MySQL **DevOps & Cloud:** AWS, Docker (Basic), Git, PM2, Nginx

AI: LLMs, RAG, Vector Databases (Basic) **Spoken:** Bengali (Native), English (Professional), Hindi (Working)

SAP: ABAP, ABAP Dictionary, Open SQL, Internal Tables, Classical Reports, Modularization, Eclipse ADT

Other: REST API Design, JWT Authentication, Socket.io, NPM Package Publishing

PROJECTS

Hospital Management System | Java, Spring Boot, Spring Security, JWT, React, MySQL

[GitHub](#)

- Built a full-stack system with role-based access for Admin, Doctor, Receptionist, Pharmacist, Lab Staff, Nurse, and Patient
- Developed secure REST APIs for appointments, prescriptions, billing, patient records, and authentication

Geo Attendance Tracking System | GPS Geofencing, REST APIs, Node.js

[GitHub](#)

- Built location-based attendance with GPS geofencing for automatic check-in/check-out and real-time employee tracking
- Designed REST APIs with secure authentication, attendance history, and accurate attendance validation

Real-Time Chat Application | MERN, Socket.io, Redux, JWT

[GitHub](#)

- Built a scalable chat app using **Socket.io** for instant bidirectional messaging with JWT auth and Redux state management

Rental & Travel Booking Platform | MongoDB, Express.js, React.js, Node.js

[GitHub](#)

- Built user and owner dashboards with search filters and availability tracking; solved date-overlap conflicts with backend booking validation

CERTIFICATIONS

Cloud Computing with AWS – Ardent Computech [Certificate](#)

Mar 2025 – Apr 2025

Cloud Based Full Stack Development with MERN – Ardent Computech [Certificate](#)

Dec 2023 – Mar 2024

SAP ABAP – Udemy [Certificate](#)

Jan 2026 – Feb 2026

ACHIEVEMENTS

- First Prize – Directrix Intra-College Hackathon:** Built a Library Management System in C with issue/return tracking and fine calculation
- Smart India Hackathon (Inter-College):** Built a Bus Route Management System for route and schedule optimization