

Avirup Das

West Bengal,India | avirupdas431@gmail.com | +918777506082 | ► GITHUB | ► LINKEDIN

Summary

Detail-oriented Software Developer with 2 years of hands-on experience in designing, developing, and maintaining robust software applications. Proficient in **C++**, **Javascript** and **Golang**, frameworks like **Reactjs**, **Expressjs** and database like **MongoDb**, **Mysql**. Skilled in both front-end and back-end development, with a solid understanding of **Database management**, **Operating systems** and **Data Structure and Algorithm**. Demonstrated ability to deliver high-quality code on time while collaborating effectively in agile teams. Passionate about learning new technologies and contributing to innovative solutions that drive business success.

Technologies

Languages: C++, Javascript, Golang, SQL

Technologies: Reactjs, Expressjs, Docker, Git, MongoDB, Websocket, NextJs

Experience:

Projects

INTEGRATED FULL STACK APP

► [github link](#)

- ReactJs, Mongodb, TailwindCSS, **ExpressJs**, Framer Motion
- Frontend: Designed a responsive, visually appealing UI using **Tailwind CSS** and Tailwind UI components.
- Backend: Built a scalable backend in **Go (Golang)** with **RESTful APIs**, handling 500+ concurrent requests and reducing API response time by 30 percent.
- Authentication: Implemented secure **JWT-based authentication** and **role-based access control**, cutting unauthorized access attempts by 40 percent.
- E-Commerce Features: Added shopping cart, checkout, and order history/tracking for users.
- Admin Panel: Developed a **secure admin panel** for product management, reducing product addition time by 50

GO BACKEND API

► [github link](#)

- **Golang**, GorillaMux(router), ThunderClient(testing)
- Built a **REST API** with endpoints for creating, reading, updating, and deleting tasks.
- Utilized the Gorilla Mux router for efficient **routing and middleware support**.
- Added **error handling** and validation for robust API responses.

REAL TIME BLOG APPLICATION

(Working Currently)

- Integrated **Integrated WebSocket** for real-time messaging, achieving <200ms latency for message delivery and enabling 10,000+ real-time messages per day.
- Utilized Gin's **routing and middleware** capabilities, improving code maintainability and reducing development time for new features by 20 percent

Education

National Institute of Technology, Durgapur, BTech in Electronics and Communication Engineering

Nov 2022 – Jun 2026

- CGPA: 7.44/10 | 8.02/10
- **Coursework:** VLSI Design, AI and Soft Computing, Microprocessors and Microcontrollers, Operating System, Database Management System, Digital Communication

Kalyani Central Model School, XIIth board examinations

2020 – 2022

- Percentage: **92.4**

St Joseph's School, Xth board examinations

2022

- Percentage: **88.9**