Rahul Kundu

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LinkedIn | GitHub | Portfolio

My core skills include web development using the MERN stack and problem-solving in C/C++. I also have hands-on experience with machine learning and data visualization using Python, app development with Kotlin, and backend development using Java (Spring Boot). I have a deep interest in open-source contribution and am currently exploring Agentic AI. I strongly believe in doing meaningful work while collaborating with kind and professional people.

Education

Techno Main Salt Lake
B.Tech in Computer Science and Business Systems
Average SGPA: 7.85

Skills

Programming Languages: C, C++, Python, JavaScript, Java
Web Technologies: HTML, CSS, ReactJS, NodeJS, Express.js, PHP, Spring, Spring Boot
Tools/Platforms: VS Code, Git, GitHub, Postman, Docker, Google Cloud
Databases: Oracle SQL, PostgreSQL, MySQL MongoDB, Firebase Realtime Database
Coursework: Data Structures(DSA), Algorithms(DAA), Object-Oriented Programming (OOP), Database Management Systems(DBMS), Machine Learning(ML), Big Data Analytics, Computer Networks(CN), Software Engineering(SWE), Operating System(OS)
OS Compatibility: Windows, Ubuntu Linux

Projects / Open-Source

Thrive Hives Website | Code | Live
- The website aims to provide tools to students enrolled in the Thrive Hives course.
- Full stack website developed using ReactJS, Node.js, and Express.js, with Supabase for data storage and retrieval and firebase authentication for user login.
- Deployed on Vercel with automatic worksheet submission via cron job scheduling.

OpenELIS Global Feature Contribution | Pull Requests
- OpenELIS Global is open enterprise-level laboratory information system software tailored for public health laboratories, stewarded by the University of Washington International Training and Education Centre for Health.
- The software uses ReactJS for the new User Interface and Java(Spring Boot) in the backend.
- While working on the project, I learned to use docker and developed confidence in working with large codebase. I developed change password functionality and a UI Builder for Questionnaire input.

REST API for E-Commerce Platform | Code
- A Spring Boot-based REST API for an e-commerce platform, developed to learn Spring Boot dev practices.

Learn-Exercise website | Code | Live
- A ReactJS frontend website that uses Rapid API for fetching exercise tutorials, Firebase Authentication for user login, and Firebase Realtime Database for data storage and retrieval, hosted on Firebase Hosting.

Certifications

- GitHub Foundations | GitHub | December 2024 | Certificate Link
- Employability Skill Job Ready | December 2024 | Certificate Link
- NodeJS – The Complete Guide | March 2024 | Certificate Link
- React – The Complete Guide | January 2024 | Certificate Link
- Introduction to Web Development with HTML, CSS, JavaScript | IBM | June 2023 | Certificate Link

Hobbies

Photography | Travelling | Videography