

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.

Education

Techno Main Salt Lake

B.Tech in Computer Science and Business Systems

Average SGPA: 7.91

Skills

Programming Languages: C, C++, Python, JavaScript, Java

Web Technologies: HTML, CSS, ReactJS, NodeJS, Express.js

Tools/Platforms: VS Code, Git, GitHub, Postman, Docker, Google Cloud

Databases: Oracle SQL, PostgreSQL, 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)

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 Center 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.

Backend Quiz Application | [Code](#)

- It is a very basic Java(Spring Boot) backend application with fetch and add quiz question feature.

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