

Rahul Baradol

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github linkedin leetcode

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EXPERIENCE

CRED BACKEND SOLUTION ENGINEER INTERN

July 2024 - May 2025 | Bengaluru, India

- Improving performance, by identifying redundant DB writes
 - Write IOPS reduced by **87%**, from **1600ops/sec** to **200ops/sec**.
 - CPU Utilization reduced from **70%** to **20%**
- Revived a critical data ingestion pipeline for one of the banks
 - Achieved **99.9%** user coverage of the bank, significantly improving user experience
- Diagnosed a bug and restored the data extraction funnel of a bank.
 - Fixing **300K** workflows, leading to significant enhancements in user experience through proactive debugging

COGNITIVE LAB FULL STACK DEVELOPER INTERN

April 2024 - May 2024 | Bengaluru, India

- Owned **end-to-end** development of the **chat platform**, designed to handle medical science queries
 - Led the development of user-facing web application using **Nextjs, Tailwind CSS and ShadCN**, ensuring **responsive** and accessible UI
 - Built the FastAPI-based backend, enabling structured query handling and **real-time** responses

OPEN SOURCE

ORG MEMBER @ OPENFEATURE, CNCF INCUBATED all PRs

Go, RUST, JAVA

- **speeding up** the team to reach **1.0 release** of OFREP, along with finding and **fixing bugs**

PROJECTS

HOGYOKU [blog](#) | [github](#)

C, ASSEMBLY

Journey to understanding **operating systems**, by **building one!**

- Implemented custom **8-bit memory allocator**, **paging mechanism**, and handling **keyboard interrupts**

KIDO [blog](#) | [github](#)

C++

Built a simple compiler

- Implemented custom **lexer**, **CLR parser**, and **code generator**

EDUCATION

PES UNIVERSITY

B TECH IN COMPUTER SCIENCE

2022 - 2026 | Bengaluru, India

CGPA: 8.89

SHANTINIKETAN PU SCIENCE COLLEGE

PCMC, STATE BOARD

2020 - 2022 | Vijayapura, India

Aggregate: 96.2 %