Rohan Raj

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Experience

AVIPL (Java developer intern)
Worked on unit testing, also developed some Rest APIs. Used Priority queue to decrease the response timing by 20%. Worked on some upcoming project's incredible features. Focused a little bit on deployment related technologies like kubernetes.

Next-Edge labs (Java developer intern)
Worked seamlessly on unit testing. Major focus was on Junit4 to Junit5 migration.

PROJECTS

Decentralized distributed file storage system

A fully decentralized and distributed file storage system built from scratch using **Go** and **TCP**. It leverages a custom **P2P connection library** for efficient peer communication and file transfer, with a 3-way handshake for reliable data exchange. This system ensures **privacy**, **data redundancy**, and **fault tolerance** by distributing files across multiple nodes without relying on a central server.

Supply chain management system
Managing and tracking inventory, shipments, and orders across multiple vendors and warehouses can be complex.Built a system that can:

- Track inventory levels in real-time.
- Manage orders and shipments across multiple vendors and warehouses.
- Generate forecasts for inventory needs based on historical data.
- Handle multiple user roles (warehouse manager, vendor, admin).

Tech Stack: Spring Boot, JPA/Hibernate, PostgreSQL, Kafka (for event-driven communication), and RESTful APIs.

EDUCATION

BTECH | CSE
TRINITY INSTITUTE OF INNOVATIONS IN PROFESSIONAL STUDIES
Greater Noida | Expected in Mar 2026
8.5 CGPA

Skills

- Java
- Go
- AWS
- Docker and kubernetes
- Linux
- Terraform
- CI/CD

Achievements

- Awarded with a tree in completion of HacktoberFest 2024, being under 50k students that showcase my open source skills.

- Contribute to different open source projects based on Java and Android.

- Wrote test cases, solved bugs, helped resolving different errors with documentation in organizations like checkstyle, Ankidroid and Kyverno.