

RABI KIRAN

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 [LinkedIn](#) |  [GitHub](#)

Chennai, Tamil Nadu - India

SKILLS

- **Programming Languages** : Java, JavaScript, SQL
- **Backend** : Spring Boot, Spring Security, REST APIs, Microservices
- **Frontend** : React.js, Material-UI, Redux/Context API, Tailwind CSS
- **Database** : PostgreSQL, Hibernate, Redis
- **Tools & Version Control** : Git, Postman, Docker (basic), GitHub, Git-Lab
- **Concepts** : SDLC, Agile, System Integration, DSA, System Design

EXPERIENCE

- **CDAC - (INDIAN NAVY)** 

Software Engineer 1

Oct 2025 - Present

Chennai, India

- Developed multi-stage inspection workflows using **Java, Spring Boot, and PostgreSQL**, significantly enhancing system stability.
- Built and optimized **REST APIs**, boosting data exchange efficiency and reducing backend processing time by 30 %.
- Implemented **Spring Security**-based role access and approvals, strengthening system security and reducing workflow errors.
- Managed application state with **Context API/Redux**, improving UI performance and reducing unnecessary re-renders.

PROJECTS

- **E-Commerce Backend With Microservices**

Tools: [Java, Spring Boot, Kafka, PostgreSQL, Redis, Docker, React.js]

- Built scalable e-commerce **microservices using Spring Boot, Kafka, and PostgreSQL**.
- Implemented **Order Saga, OAuth2/JWT**, payment simulation, and PDF invoicing.
- Optimized performance with **Redis**, indexing, **API Gateway**, and **React** admin UI.

- **Personal Finance Manager (CRED-like)**

Tools: [Java, Spring Boot (OAuth2/Batch), PostgreSQL, Apache POI, iText/PDFBox, React.js, Docker]

- Built CRED-like finance system with **Spring Boot, React, and OAuth2/JWT**.
- Implemented CSV/XLSX ingestion, auto-categorization, analytics, and PDF statements.
- Added data migration, import/export tools, and real-time financial dashboards.

EDUCATION

- **National Institute of Science and Technology - BPUT**

B.Tech - Electrical and Electronics

2020 - 2024

Berhampur, India

- GPA: 8/10

ACHIEVEMENTS

Received Certificate of Appreciation from the **Indian Navy** for exceptional contribution for **AIIMS**.