Ritik Kumar

Email | Phone | Portfolio | linkedin | github

Technologies

Programming Languages: Java , Python(Basic) , SQL, JavaScript

Backend / Frameworks: Spring Boot, Hibernate, REST APIs, JWT Authentication, JDBC

Frontend: React, HTML, CSS, TailwindCSS

Databases: MySQL, PostgreSQL

DevOps & Cloud: Docker, Git/GitHub, GitHub Actions (CI/CD), Docker Hub, AWS EC2/S3, Linux deployments

Core Concepts: OOP, Data Structures and Algorithms, DBMS, System Design (Basics), Microservices (Fundamentals)

Work Experience

Developer and Designer - Steadwin Group

Aug 2025 – jan 2026 | Bengaluru

- Developed the company website and admin dashboard using React, Spring Boot, and MySQL.
- Implemented secure JWT authentication, role-based access control, and REST APIs.
- Built the backend using a layered architecture (Controller → Service → Repository) with modular, maintainable code.
- Designed normalized relational schemas and optimized SQL queries, improving API performance by 40%.
- Containerized the backend with Docker and deployed on AWS EC2 using environment-specific configurations.
- Enhanced frontend performance by optimizing React components and reducing redundant API calls.
- Handled end-to-end development: requirement analysis, UI/UX decisions, backend logic, testing, deployment, and ongoing maintenance.

Projects

Steadwin Group Website (Production) github

ReactJS | Spring Boot | MySQL | JWT | Docker | AWS

- Built a full-stack production website with an internal admin panel.
- Added secure login, protected routes, and role-based features.
- Developed REST APIs for content management and form submissions.
- Deployed backend via Docker on AWS EC2 with environment-based configuration.

CRUD Application LIVE | GitHub

React | Spring Boot | MySQL

- Built a full-stack CRUD application (Spring Boot 21 + React) with clean REST APIs and a structured MySQL schema.
- Implemented front-end forms, validation logic, and a table-based CRUD UI for create/update/delete workflows.
- Containerized the backend using a multi-stage Dockerfile (Temurin 21) and externalized environment variables for production.
- Set up a CI/CD pipeline using GitHub Actions to automatically build, tag, and push Docker images to Docker Hub on every `main` branch push.
- Automated deployment by pulling the latest Docker image on the server/Render, enabling zero-manual, repeatable releases.

Achivement

- Strong understanding of Java backend patterns and microservice architecture fundamentals.

Education

JCT college of engineering and tech, BS in Electrical and Electronics   jun 2020 – jun 2024