

A Backend Developer focused on building robust server-side architectures, implementing scalable application functionalities, optimizing database solutions, and ensuring seamless performance and reliability in modern applications.

SKILLS

Web Development

- SpringBoot, Spring Security, Junit, RestAPI, JWT, JPA, OAuth2.0
- ReactJS
- Kafka, AWS Lambda

Database

- PostgreSQL, Oracle, MySQL
- Redis, MongoDB

Coding

Languages: Java, Python, SQL, PL/SQL
DSA: <https://leetcode.com/u/rahulravuri/>
GitHub: <https://github.com/rahulravuri>

DevOps

CI&CD: Git, Docker, Jenkins
Testing: Junit, Mockito

EDUCATION

Bachelor of Technology Aug 2015 - Jun 2019
In *Electronics and Communication Engineering* from
Malla Reddy College Of Engineering and Technology, Hyderabad

CERTIFICATIONS

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|------------------------------------|-----------|----------|
| • Docker And Kubernetes | Udemy | Jan 2025 |
| • SpringBoot JPA | Udemy | May 2024 |
| • Automation Engineer Practitioner | Capgemini | Mar 2020 |

WORK EXPERIENCE

Cognizant | Software Engineer Associate Jan 2024 - present

- Improved backend system efficiency by optimizing APIs and database queries, reducing response times by 20%.
- Refactored database structures, enhancing query performance and reducing redundancy.
- Assisted the frontend team in optimizing ReactJS components, improving user experience and reducing load times by 15%.

TCS | Business Process Lead Jan 2022 - Dec 2023

- Designed and implemented backend solutions using AWS services (S3, Lambda) and Kafka to enable seamless data transfer and real-time synchronization across platforms.
- Led the migration from legacy systems to a new application, modifying database tables to support the new architecture.

Capgemini Technology Services India Limited | Software Engineer Jun 2019 - Nov 2021

- Developed and deployed a high-performance API, enhancing employee data accessibility across departments and reducing data retrieval time by 15%.
- Optimized and deployed PL/SQL stored procedures for seamless data processing and integration. Led automation efforts using Selenium and UiPath, deploying multiple solutions.

PROJECTS

Data Architecture Revamp (Professional Project) Mar 2022

- Revamped legacy database tables and restructured the backend to support migration from a deprecated data source to a new application, ensuring seamless data flow and improved scalability.
- Developed a new API to provide clean, structured data, enabling other teams to transition smoothly and address increasing data requests efficiently.
- Redesigned the architecture to incorporate data filtering and correction, improving overall data accuracy. As a result, other teams' extra workload was reduced by 40%, enhancing operational efficiency.

Seamless Application Integration Data Transfer (Professional Project) Mar 2021

- Integrated a new application into the system, enabling seamless data processing. Implemented a one-click API workflow that fetches, processes, and transfers data to AWS PostgreSQL, ensuring efficient storage and retrieval.

BookMyshow-Like Application(Personal Project) <https://rahulravuri.github.io/Portfolio/BookMyShow.html>

- Designed and implemented a comprehensive backend system for user authentication, including secure token-based login and authorization, ensuring a seamless and secure user experience for booking and payments.
- Built the core service for managing movie data, including movie listings, details, and showtimes, and integrated it with the booking service to handle user reservations and completion of transactions efficiently.

ChessGame (Personal Project) <https://rahulravuri.github.io/Portfolio/ChessGame.html>

- Developed a two-player chess game application that allows users to play in real-time, incorporating features such as move validation and tracking.
- Implemented an alert system to notify players when their king is in check, ensuring better game awareness and smooth gameplay.