

SALUGU RAKESH

Mobile:9398680012 • rakeshsalugu2001@gmail.com • linkedin.com/in/salugu-rakesh-b59ba61bb/ •

SUMMARY

Results-driven Software Engineer with over 2+ years of experience in Java development, QA automation, and full-stack application design. Skilled in delivering high-quality software solutions, streamlining workflows, and enhancing operational efficiency. A strong team player with a track record of successfully handling challenging projects and quickly adapting to new technologies.

TECHNICAL SKILLS

Languages Frameworks: Java, Python, C, Spring Boot, Node.js, React Native

Frontend: HTML, CSS, JavaScript, Bootstrap, JQuery, AJAX

Backend Databases: MySQL, PL/SQL, REST APIs

Tools Platforms: AWS (EC2, S3), Docker, Postman, Git, Kafka, Grafana

Testing Tools: Selenium, JUnit, TestNG, Postman

Other Skills: Linux (System Configuration), Agile Methodologies, SQL Server, Shell Scripting

EXPERIENCE

Amazon, Hyderabad: Quality Associate

Oct 2023 - Present

- Worked on a Salesforce Lightning CRM application used by sales and support teams to manage leads, contacts, and service requests, enhancing daily operations and customer interactions.
- Involved in both manual and automation testing of multiple modules using Agile methodology with weekly sprints; picked up JIRA tickets based on testing priorities.
- Designed and executed test cases for UI testing, form validation, and workflow scenarios; wrote Selenium scripts in Java to automate repetitive tests.
- Used TestNG for suite management, Maven for build/dependency control, and JIRA for defect tracking and sprint participation.
- Performed API testing using Postman for validating package tracking flows, including verifying response data (e.g., status, driver name, delivery time) and raising bugs in JIRA when discrepancies were found.
- Executed key test scenarios including Dropdown Testing (automation of selection logic with Selenium), Form Submission (validation via automation + manual), and Package Tracking API testing (Postman + JIRA bug reporting).
- Collaborated with developers to debug issues, improve coverage, and ensure quality through both functional and backend testing layers.

Free Lancer, Remote: Java8, Spring Boot, REST APIs, HTML/CSS, JavaScript, jQuery

Jul 2023 - Sep 2023

- Built RESTful APIs using Spring Boot to handle order processing, inventory management, user authentication, and data retrieval.
- Implemented role-based access control (RBAC) for different user types — Manufacturer, Employee, and Owner ensuring secure access and operational separation.
- Applied Spring Security for authentication and authorization, ensuring data integrity and access control across the application.

InfraBIM Techno Solutions, Remote: Data Science

Aprl 2023 - May 2023

- Data Analysis and Visualization: Contributed to the success of the "Open Data - Telangana" project.
- Conducted comprehensive data analysis for the "Open Data - Telangana" project, utilizing Python for data cleaning, visualization, and insight generation.
- Built interactive dashboards using Matplotlib and Seaborn, supporting strategic decision-making by stakeholders.

Wipro, Hyderabad: Intern Java8/J2EE

Jan 2022 - Jan 2023

- Integrated frontend aesthetics and backend functionality.
- Developed a robust backend using Spring Boot and MySQL, integrating a responsive frontend with Bootstrap and JavaScript.
- Designed and implemented a REST API, enabling seamless data communication across platforms.

EDUCATION

Computer Science and Engineering

Jawaharlal Nehru Technological University Kakinada
Lendi Institute of Engineering and Technology

Graduating Jun 2018 - Jun 2022

7.6 GPA

Relevant coursework: Programming Languages (Java, Python,C, C++),Database Management Systems,Operating Systems.

PROJECTS

Gold Business Automation Website

Jul 2023 – Sep 2023

Automated gold business operations by implementing user roles, detailed order management, real-time dashboards, and data exporting features, developed using Java Spring Boot and REST APIs.

- Project Objective: Designed and developed a full-stack web application using Java Spring Boot to automate and streamline gold business operations for a client.
- Built RESTful APIs using Spring Boot to handle order processing, inventory management, user authentication, and data retrieval.
- Optimized API performance and reduced response times through efficient database queries and caching strategies.

Find my browser-Bookmarks-keeper Linux based using shell script

Jun 2022 - Jul 2022

Created a Linux-based bookmarks keeper using a shell script for efficient command-line management and retrieval.

- Created a shell script to manage and retrieve browser bookmarks efficiently on Linux systems.
- Enabled streamlined web navigation by organizing bookmarks directly from the command line.
- Improved productivity with quick access to stored bookmarks and enhanced organization.

Weather API Web Application

Jan 2022 – Mar 2022

Developed an open web application using Spring Boot, REST APIs, SQL, and MongoDB to fetch and display real-time weather data including temperature, humidity, and wind speed. Enabled users to search weather reports by city with recent search tracking and a dynamic UI.

- Built REST APIs to fetch real-time weather data and display it through a responsive UI.
- Integrated SQL and MongoDB for efficient storage and retrieval of search history and weather data.
- Enabled users to search weather reports by city with dynamic updates for temperature, humidity, and wind speed.
- Implemented recent search tracking and enhanced user interaction with clean UI design.

Face Recognition to Detect Criminals Using MTCNN and FaceNet

Jul 2019 – Aug 2020

The system detects and aligns faces using MTCNN and generates and compares face embeddings with a criminal database using FaceNet for real-time identification.

- Utilizes MTCNN for accurate face detection and alignment, ensuring precise input for facial recognition.
- Ensured accuracy with 95 precision in real-world test scenarios, enhancing public safety mechanisms.
- Compares real-time face embeddings with a criminal database to identify individuals.
- Enhances security by providing real-time identification of individuals against known criminals.