Saif Saeed Mulla

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Summary

Software Engineer with 3+ years of experience in Java, Python, and SQL, specializing in backend development, automation, and scalable architectures. Skilled in developing APIs, automating processes, and debugging complex issues with expertise in Spring Boot, Kafka, microservices, Azure Cloud, and AIML. Recognized for strong problem-solving abilities, delivering scalable solutions in high-impact environments, automating workflows, and LLM-based AI integrations.

Technical Skills

Languages: Java, Python, JavaScript, HTML & CSS.
Databases: MySQL, PostgreSQL, and Sybase.
Tools & Technologies: Spring Boot, Spring Security, Kafka, Microservices, LLM Fine-Tuning, Azure Cloud Services, Git, Power Automate, Shell Scripting.

Professional Experience

Sr. Software Engineer at Zensar Technologies   Sept 2021 - Present

Project: Commodities at Standard Bank of South Africa.
Roles & Contribution

- Currently developing and migrating a SOAP-based architecture into a modern, maintainable RESTful API using Spring Boot, focusing on secure communication, performance optimization, and maintainability.
- Developed a user handler service by migrating from SOAP to RESTful API using Spring Boot, Sybase, and Spring Security, implementing JWT-based authentication and authorization, enabling users to log in securely via NT_LOGIN credentials while ensuring seamless database integration.
- Automated manual script execution using Python Paramiko for secure SSH communication, reducing task time by 83.33% (from 60 to 10 minutes).
- Developed a chatbot to retrieve KEDB & SOPs from Confluence using Power Virtual Agent and Power Automate, implementing OAuth authentication and automating the script execution process using Python and Azure Functions to enhance user support operations.
- Designed and consumed REST APIs using Jersey, ensuring secure data exchange with SSL configuration, implementing authentication mechanisms, and handling dynamic response parsing.
- Developed SOAP-based web services for different products integrating in the application using JAX-WS API, generated WSDL for client-server communication, and implemented an authentication filter ensuring smooth communication between client and server.
- Designed a multi-threaded solution to mitigate Java heap size limitations, optimizing large file processing via shell scripting, resulting in a 57% performance boost.
- Designed and rendered multi-format reports (PDF, XLS, HTML) using BIRT APIs for enhanced report automation and delivery.
- Participated in production crisis calls, debugging complex issues, conducting integration testing, and collaborating with teams to resolve critical issues.
- Hands-on experience with Ant, Maven (build tools), Git (version control), Postman (API testing), and Control-M (job scheduling).

Project

- AI-Powered Knowledge Retrieval System: Developed an AI-driven Islamic knowledge retrieval system using the Qwen-3B model and extracted Quran, Hadith, and Tafsir data. Generated QA instruction sets using Mistral-7B to enhance contextual understanding and fine-tuned Qwen-3B for improved query accuracy. Built a FastAPI-based backend for efficient API-based model integration, enabling scalable AI-powered search and retrieval ([Discover Islam](#)).

- Ecommerce Application: Developed a Spring Boot-based e-commerce backend with secure authentication using Spring Security and JWT authentication. Integrated Spring Data JPA with MySQL, ensuring efficient database operations and seamless service communication via Spring Eureka and Feign Client. ([Ecommerce](#)).
- Resume Screener using OCR and NLP: Designed an automated resume screening tool by extracting text from resume images using Tesseract OCR. Implemented text preprocessing and cleaning techniques to enhance text quality and extracted key entities such as name, email, and phone number. Applied TF-IDF vectorization and cosine similarity to match extracted skills against JD for accurate candidate ranking. ([Resume Screener](#))

Internship

Web developer Intern at iB Arts Pvt Ltd   Aug 2021 - Sept 2021

- Developed web solutions by creating custom WordPress plugins and PHP scripts.

Education & Qualification

Bachelor of Engineering in Computer at Savitribai Phule Pune University, India.   June 2017 - May 2021

- Grade: 8.15 CGPA.
- Relevant Subjects: Data Structures & Algorithms, OOPs, Data Analytics, Database Management Systems, Computer Networks, Artificial Intelligence & Robotics, Machine Learning, and Cloud Computing.

Certifications and Achievements
- Microsoft Certified Azure Fundamentals (AZ-900), issued March 2024.
- Innovator of the Year Award at Zensar Technologies.
- Certification of Appreciation for Client Centricity.