

Abhijeet Mulik

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SUMMARY

Experienced Full Stack Developer with **4+** years of strong background in modernizing legacy systems, optimizing database operations, and implementing scalable microservices. Proficient in **Java, Spring, Spring MVC, Spring Boot, Microservices Architecture, Python and Javascript** with extensive knowledge in cloud technologies like **AWS**. Familiar with **Test-Driven Development** and experienced in working within **Agile** environments.

TECHNICAL SKILLS

Languages: Java, Python, Javascript, C#, HTML, CSS.

Frameworks: Spring, Spring MVC, Spring Boot, FastAPI, JAX-WS, JPA, .NET Core, Hibernate, Bootstrap, Angular.

Databases: MySQL, Redis, Memcached, MongoDB, Cassandra, CouchDB, H2, PostgreSQL, DynamoDB.

Cloud and DevOps: AWS, Docker, CI/CD.

Tools: Agile, GIT, SVN, Maven, Jenkins, Postman, MATLAB, Junit, Mockito, Kafka, RabbitMQ, Swagger, AJAX.

PROFESSIONAL EXPERIENCE

Wilmac Technologies, Rochester, New York: Full Stack Developer

May 2023 – December 2023

- Modernized a legacy ASP.NET application to **.NET 8**, enabling cloud deployment and cross-platform compatibility.
- Optimized database operations by migrating from SQL Membership to **EF Core**, resulting in up to **30% faster query execution**, improved application speed and reduced resource usage.
- Implemented **microservices** using **FASTAPI** in .NET 8 and designed corresponding frontend pages for an audio archival system using **JavaScript, Bootstrap, DataTables, Material UI and React**.

Sears Holdings India, Pune, India: Senior Technical Associate

August 2017 – July 2021

- Designed, developed, and maintained **Java** and **Spring-based** backend systems, front-end applications, **web and microservices** using **REST** protocols.
- Managed cloud deployments and **CI/CD** pipelines single-handedly, achieving **100%** success.
- Increased service usage traffic by up to **15%** by adding a **payment refund pipeline** in the credit authorization system.
- Updated legacy mainframe applications from **COBOL to JAVA** and deployed them on **AWS**, **reducing production downtime by up to 75%**.
- As a **Senior Software Engineer** and part of **Level 4** team, researched and resolved critical production application failures with a **95%** success rate of resolving issues the same day.
- Successfully devised automation scripts to migrate over **150 application** code bases from **SVN to Git** and developed a **centralized logging** system for microservices using **Elasticsearch, Logstash, and Kibana**.
- Migrated a contractor payroll system from PowerBI to Java **Spring Boot** web service in backend and **Angular** in frontend with **100%** success.

ACADEMIC PROJECT

Human Credit Card - A Face Recognition Payment System

Spring 2024 – Summer 2024

Tools and Frameworks: FASTAPI, Python, HTML, CSS, Javascript, PostgreSQL, OpenCV.

- Designed and executed a comprehensive face recognition payment system, including modules for user enrollment, multi-factor authentication, and customer support with improved payment processing efficiency and user satisfaction.
- The system aims to enhance security, streamline payment transactions, and improve user experience through biometric authentication and user-friendly features.

EDUCATION

Master of Science, Computer Science

May 2024

Rochester Institute of Technology, NY

Bachelor of Engineering, Information Technology

June 2017

Pune University, Pune