

Mohammed Safwan S

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Summary

Backend-focused Software Engineer with 3 years of experience working on product transformation, multi-tenant data modeling, and feature ownership within a SaaS platform. Led development of features in high-usage modules, implemented customer-level segmentation and access control, and resolved complex cross-module issues in production environments. Strong analytical and debugging skills supported by extensive DSA practice.

Technical Skills

Languages: Java, Python, Javascript

Backend: REST APIs, Microservices Architecture

Databases: MySQL

Experience

Member Technical Staff

June 2023 – Present

Zoho Corporation, Chennai

- Re-architected an existing SaaS platform to support a new product line targeting a different market segment, enabling multi-tenant capabilities across core modules.
- Designed and implemented customer segmentation across all major modules by introducing tenant-aware data models, record association, and role-based access control (RBAC) to enforce privilege isolation.
- Led end-to-end development of a heavily used core feature in the new product, owning requirement analysis, schema design, business logic implementation, testing, and production rollout.
- Contributed to scalability planning for customer-segmented modules, addressing high record growth and optimizing read-heavy workloads by introducing caching strategies to reduce server load.

Project Trainee

July 2022 – June 2023

Zoho Corporation, Chennai

- Refactored legacy data handling by replacing null-based representations with normalized relational mappings, improving data consistency across modules.
- Implemented application-level updates across 2 major modules to align with revised data modeling standards.
- Resolved defects across multiple modules to gain end-to-end understanding of system workflows, edge cases, and cross-module dependencies.
- Performed functional and regression testing across different usage scenarios, improving overall product reliability and reducing recurring issues.

Education

B.E in Computer Science Engineering

2019 – 2023

Sri Krishna College of Engineering and Technology, Kuniyamuthur, Coimbatore

- Led teams in a number of hackathons and was finalised for Postman API Fest 2021 for building an [API that predicts sentiments on a given topic](#)

Additional

- Experience debugging and resolving production issues under tight deadlines.
- Experience rapidly developing and shipping a feature under tight deadlines to address customer needs.