

# SAYED SARNAM BAFAKYH

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## SUMMARY

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Senior Software Engineer with 6+ years of experience building scalable backend systems in Java. Experienced in microservices-based architectures, RESTful APIs, and enterprise-grade security. Worked across multiple backend stacks including Spring-based services and cloud-native platforms, with strong ownership of production systems and applied automation using LLM integrations.

## KEY IMPACT

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- 6+ years building and maintaining production-grade backend systems
- Reduced manual operational effort by approximately 50% through AI-driven automation
- Designed fine-grained role-based authorization for enterprise financial workflows
- Owned and operated backend services handling critical billing and transaction flows

## SKILLS

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**Backend & APIs:** Java, RESTful Services, Microservices, SQL

**Frameworks & Cloud:** Spring Boot, Oracle Cloud Infrastructure (OCI), AWS, Docker, CI/CD, Grafana

**Frontend (Supporting):** JavaScript, HTML5, CSS3, jQuery

**Automation & AI Integration:** Workflow automation, LLM integrations

**Tools:** Git, IntelliJ IDEA, Postman

## WORK EXPERIENCE

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**Oracle India Pvt Ltd, Trivandrum** | Senior Applications Engineer **December, 2021 - Present**

- Led backend development of large-scale billing and financial workflows used by enterprise customers.
- Designed and implemented fine-grained role-based authorization to strengthen security and compliance across modules.
- Built an internal automation tool using LLM integrations to assist transaction verification and contract closure, reducing manual effort by approximately 50%.
- Developed backend services and REST APIs enabling real-time tracking of unbilled transactions, improving billing accuracy and operational visibility.
- Owned end-to-end delivery of backend components, including design, implementation, testing, release, and production support.

**Wipro Technologies, Bangalore** | Project Engineer **July, 2019 – November, 2021**

- Developed a backend-driven enterprise workflow automation platform using Java and Spring Boot.
- Designed and exposed RESTful APIs backed by Oracle SQL to support internal business services.
- Implemented a microservices-based architecture to improve scalability and service isolation.
- Deployed and operated services on AWS using EC2, RDS, and S3 for scalable cloud deployment.
- Contributed to frontend functionality using JavaScript and HTML for workflow configuration and visualization.

## CERTIFICATIONS

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- Oracle Cloud Infrastructure – Generative AI & AI Foundations (2024–2025)
- Oracle AI Vector Search Professional

## EDUCATION

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**B.Tech - Computer Science and Engineering**  
*APJ Abdulkalam Technological University, Kerala*

**2015 - 2019**