

Nitin Kishore

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Summary

Senior Backend Software Engineer with **6 years of professional experience** designing and building **scalable, secure backend systems** using **Java, Spring Boot, and RESTful APIs**. Strong expertise in **payment integrations, high-volume data processing, and system architecture design**. Proven track record of owning mission-critical services, improving performance, and delivering production-grade systems.

Technical Skills

Backend: Java, Spring Boot, REST APIs, FHIR, Node.js

Architecture: Microservices, API Design, Secure Systems

DevOps: CI/CD, Git, GitHub, AWS

Databases: MongoDB, MySQL, SQL

Testing: JUnit, Mockito

Frontend: React (working knowledge)

Experience

Senior Software Engineer

Feb 2020 – Present

Intern: Feb 2020 – Nov 2020 — Full-time: Nov 2020 – Present

- Owned end-to-end delivery of a **payment vendor integration**, enabling secure, compliant, and reliable transaction workflows.
- Designed and maintained **RESTful and FHIR-compliant APIs**, enabling seamless interoperability with external platforms and third-party systems.
- Led backend design decisions for critical services, defining **API contracts**, data models, and failure-handling strategies to support scalable and resilient systems.
- Migrated **legacy billing systems** to **Spring Boot microservices**, improving system reliability, maintainability, and scalability.
- Optimized a high-volume onboarding pipeline to process **1M user records within 3 days**, meeting strict delivery timelines and data consistency requirements.
- Owned the end-to-end design and implementation of a configurable **Q&A platform**, defining API contracts, system architecture, technology stack, and database schema to support personalized patient questionnaires and actionable clinical insights.
- Improved service performance and stability through **caching, query optimization, and JVM tuning**, reducing latency and production incidents.
- Owned **production readiness** of services, including release coordination, monitoring, and incident resolution to ensure stable deployments.
- Implemented secure coding practices and collaborated with infrastructure teams to improve **AWS cost efficiency and system availability**.

Organizations

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|---|---------------------|
| – Outcomes — Software Engineer II | Dec 2024 – Present |
| – Mindmaze Healthcare — Senior Software Engineer | Oct 2023 – Dec 2024 |
| – Babylon Health — Senior Software Engineer | Nov 2021 – Sep 2023 |
| – HashedIn by Deloitte — Software Engineer | Feb 2020 – Nov 2021 |

Education

Bachelor of Engineering

NMAM Institute of Technology, Udupi, India

Additional

Languages: English (Fluent), Hindi (Fluent)