

NITESH MISHRA

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Profile

Seasoned Backend Developer specializing in Java, Spring Boot, and React, building scalable SaaS platforms, microservices, and REST APIs with PostgreSQL. Optimized performance by 30–40%.

Professional Experience

SE & Solution

Aug 2025 – Mar 2026

Backend Developer

- **Architected end-to-end backend infrastructure** for a client-facing application using **Java** and **Spring Boot**, taking full ownership of deployment stability and server lifecycle.
- **Engineered 10+ RESTful APIs** and designed scalable **PostgreSQL** schemas, optimizing database queries to reduce API response times by **30–40%**.
- **Secured user data** by implementing robust authentication and authorization pipelines via **JWT** and **Spring Security**.
- **Collaborated within a 3–5 member founding team** to translate complex client requirements into technical solutions, delivering core architecture on tight deadlines.

Technical Skills

Languages: Java, C++, JavaScript, TypeScript, HTML, SQL

Frameworks: React, Spring Boot, Spring

Platforms: AWS, Google Cloud, Render, Railway, Firebase, Vercel, Netlify, Supabase, MongoDB Atlas, Neon, Supabase Postgres, Clerk, Supabase Auth, Firebase Auth

Tools: GitHub, Jenkins, AWS, Vercel, Netlify, Docker, Kubernetes, Maven, Gradle, Postman, Swagger, VS Code, IntelliJ IDEA, Mocha, JUnit

Projects

Schedulo

Feb 2026

- Engineered a multi-tenant SaaS platform (Java 21) with isolated workspaces and RBAC, ensuring secure multi-organization data handling with zero cross-tenant leakage.
- Built a custom scheduling engine generating conflict-free timetables in <500ms, eliminating manual overlaps and saving 15+ hours/week.
- Architected a scalable API with JWT auth and Google OAuth2 SSO; implemented Redis-backed Bucket4j rate limiting to mitigate malicious traffic.
- Enhanced performance via a responsive React SPA and Redis caching, reducing DB load and API latency by ~40%.
- Automated CI/CD using GitHub Actions, enabling zero-downtime deployments on Render and speeding up releases by ~70%.

[GitHub](#) | [React, Java/Spring Boot, PostgreSQL, Redis]

BuildSy

Nov 2025

AI-Powered Distributed Code Generation Platform

- Architected a **microservices-based platform** for automated full-stack web application generation using LLMs, replicating capabilities of tools like Lovable and v0, enabling rapid end-to-end code generation workflows.
- Built a custom **reverse proxy (Node.js, Redis)** supporting dynamic wildcard routing (*.app.domain.com), efficiently mapping **10,000+ ephemeral subdomains** to internal services with <10ms lookup latency.
- Integrated advanced **LLM tool-calling mechanisms**, reducing context token consumption by ~50% and improving overall response latency by ~50%, optimizing cost and performance.

[GitHub](#) | [Spring Boot, Spring Ai, Open Router, Kubernetes, Redis, Kafka, Microservices, NodeJs, RAG, Docker]

StaySoul

Jan 2026

Smart Property Management & Revenue Optimization System

- **Performance:** Reduced API latency by 40%+ using Spring Cache and optimized server-side pagination.
- **Architecture:** Engineered a dynamic pricing engine (Strategy pattern), boosting simulated revenue by up to 25%.
- **Security:** Secured all public APIs with JWT authentication and Bucket4j rate limiting (50 req/min).
- **Data Integrity:** Preserved 10,000+ relational records ensuring safe lifecycle management via Hibernate soft deletes.
- **Optimization:** Eliminated media bandwidth overhead by implementing direct-to-cloud uploads.
- **Payments:** Guaranteed 100% transactional consistency across booking workflows using Stripe Webhooks.

[Github](#) | [Java, Spring Boot, Spring Security, React, Stripe, Cloudinary, Docker, Swagger]

Education

Jaypee University of Engineering and Technology

Aug 2022 – May 2026

B.Tech (CSe) (CGPA: 7.5)

Madhya Pradesh, India

CPS

Apr 2020 – Jul 2021

HSSC (CGPA: 9.2)

Varanasi, Uttar Pradesh, India

Achievements

- **Samsung Innovation Campus Hackathon:** Finalist, Samsung Innovation Campus Hackathon — Built a Smart City solution using IoT (ESP32), Spring Boot, and React, enabling real-time monitoring and predictive analytics.