

Animesh Kahara

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Indore, Madhya Pradesh, India

PROFESSIONAL SUMMARY

Backend-focused Systems Engineer with ~3.8 years of experience designing and delivering production-grade platforms using Java (17/21), Spring Boot 3, Angular, and PostgreSQL. Specialized in building event-driven backend systems, concurrent processing pipelines, and infrastructure-aware applications operating in real-world environments.

Strong experience designing modular architectures, asynchronous workflows, secure authentication flows, and containerized deployments. Known for system-level thinking — from design and concurrency control to deployment, observability, and long-term maintainability.

CORE SKILLS

Backend & Systems: Java 17/21, Spring Boot 3, Spring MVC, Spring Security, Spring Data JPA, REST APIs, Event-Driven Design, Concurrency (Thread Pools, Latches, Atomic Operations), WebSockets

Architecture & Data: Modular Monolith Design, DTO-Driven APIs, PostgreSQL, Schema Migrations, Query Optimization, Validation Layers

Frontend: Angular (15–19), TypeScript, Reactive Forms, Real-time UI Integration (WebSocket/STOMP)

Infrastructure & DevOps: Docker, Linux, Nginx/Tomcat, Containerized Deployment, Logging & Observability (Actuator, Logback), Reverse Proxy Concepts

Security: JWT Authentication, Refresh Tokens, RBAC Authorization, Audit Logging, Secure Backend Validation

Monitoring & Systems Exposure: SNMP, Network Monitoring Concepts, Zabbix, Wazuh, Suricata

EXPERIENCE

Full Stack Developer (Automation Engineer)

Sep 2024 – Present

TechConsonance Pvt. Ltd.

Indore, India

- Designed and developed backend services using Java 17/21, Spring Boot 3, Spring MVC, Spring Data JPA, and Spring Security.
- Built REST APIs using layered architecture, DTO-based data flow, validation, and centralized exception handling.
- Implemented JWT-based authentication with refresh-token handling and role-based authorization.
- Developed Angular applications (15–19) using standalone components, reactive forms, and reusable UI modules.
- Designed PostgreSQL schemas, optimized queries, and managed schema evolution through versioned migrations.
- Implemented logging and auditing using Logback and Spring AOP.
- Developed internal platforms including a Network Monitoring System with SNMP polling, device discovery, and real-time metrics collection.
- Built an Enterprise Expense Tracker with approval workflows, audit trails, Excel exports, and secure authentication pipelines.
- Configured and evaluated monitoring tools such as Zabbix, Wazuh, and Suricata in lab environments.
- Worked with Docker, Linux servers, Nginx/Tomcat, and CI pipelines for deployment and runtime configuration.
- Collaborated on architecture discussions, debugging asynchronous workflows, and feature delivery.

Full Stack Java Developer

Sep 2021 – Nov 2023

AutomationEdge Technologies

Pune, India

- Developed RESTful APIs using Spring Boot for enterprise automation workflows.
- Built and enhanced Angular-based user interfaces with focus on usability and responsiveness.
- Reviewed code, fixed defects, and optimized existing modules.
- Participated in feature planning and implementation cycles.
- Worked on banking automation use cases including Aadhaar data masking.

- Mentored junior developers and supported onboarding initiatives.

Programming Teacher (Freelancer)

Self-Employed

May 2020 – Sep 2021

Bhilai, India

- Conducted structured classes on Data Structures and Algorithms using C and C++.

Programming Teacher

Computech InfoSolutions

Feb 2020 – May 2020

Bhilai, India

- Delivered introductory programming courses in C/C++ for university students.

PROJECTS

Network Mitra — Network Monitoring System

2025 – 2026

Personal / Organizational Project

- Built a full-stack Network Monitoring System featuring SNMP-based device discovery, polling engines, and real-time CPU, memory, and interface metrics visualization.
- Designed vendor/model-driven profiling architecture with normalized device metadata handling and modular backend services.
- Developed Angular dashboards with auto-refresh logic, structured device pages, and scalable data handling workflows.

Enterprise Expense Tracker

2025

Full Stack Platform

- Designed and implemented a workflow-driven expense management platform with approval hierarchies, auditing, and Excel export capabilities.
- Built secure JWT-based authentication with refresh tokens, role-based access control, and backend validation pipelines.
- Implemented responsive Angular UI with reactive forms, validation layers, and mobile-first design principles.

Smart Knob (IoT Prototype)

2017

Embedded Systems Project

- Developed an IoT prototype to monitor gas stove usage remotely using low-cost hardware and web-based monitoring concepts.

EDUCATION

B.Tech in Computer Science and Engineering

RSR Rungta College of Engineering and Technology

2015 – 2020

Bhilai, India

CERTIFICATIONS

Red Hat Certified Engineer (RHCE) — Roonan Technologies

LANGUAGES

English — Full Professional Proficiency

Hindi — Native / Bilingual Proficiency