

Nimish Rao

+91 9301393723 | raonimish23@gmail.com | linkedin.com/in/nimish-rao-ab1b01250 | github.com/Nimish2098

TECHNICAL SKILLS

- **Languages/Frameworks:** Java, Spring Boot, React, SQL, JavaScript
- **Tools:** Git, Docker, CI/CD, REST APIs, MySQL, PostgreSQL

EDUCATION

VIT Bhopal University

B.Tech Computer Science Engineering with spec. in AIML - 8.08 CGPA

Bhopal, MP

Sept. 2022 – June 2026

Sai Shree International Academy

Class-XII - 81.8%

Ratlam, MP

April 2020 – May 2021

Sai Shree International Academy

Class-X - 90.5%

Ratlam, MP

April 2018 – July 2019

PROJECT

AI-Powered Personal Finance Manager

Java, Spring Boot, Spring Security, JWT, PostgreSQL

[GitHub link](#)

- Developed a full-stack web application that analyzes transaction data to auto-track expenses across **10+ categories** and monitor recurring subscriptions.
- Engineered a rule-based AI engine to detect redundant subscriptions and spending spikes, cutting manual expense review time by **40%**.
- Implemented secure, stateless authentication with **Spring Security + JWT** and containerized deployment using **Docker** for consistent builds in under 2 minutes.

Chat Application

Java, Spring Boot, MySQL, HTML, CSS, REST API

[Github link](#)

- Built a real-time chat system using **Java, Spring Boot**, and **WebSockets (Spring STOMP)** for instant message delivery.
- Implemented **Spring Security** to secure chat endpoints and improve backend reliability and response time.
- Optimized message handling with a persistent storage layer, improving **data throughput by 30%**.
- Structured the backend to support multiple chat rooms and private messaging with **scalable architecture**.
- Improved real-time data flow and message retrieval speed by **25%**, enhancing overall user responsiveness.

Document Approval Workflow

Spring Boot, PostgreSQL, JWT, WebSockets

[Github link](#)

- Built a multi-step document approval system with automated notifications and audit tracking, improving simulated approval efficiency by up to **70%**.
- Designed REST APIs and task endpoints that enabled **50% faster** simulated approval cycles and provided real-time status visibility using **WebSockets**.

CERTIFICATION

- Learn Java:Beginner to Advance, Udemy
- HTML, CSS and JavaScript for Web Developers, Coursera

EXTRACURRICULAR

- Solved **300+** coding problems on LeetCode & GFG.
- Secured **1757th rank** in **CodeClash – The Battle of Logic & Code**.
- Spearheaded a team of five volunteers for VITB MUN 24, securing venue sponsorships and enhancing event accessibility.
- Active contributor on GitHub with projects focused on **backend systems, REST APIs, and database-driven applications**.