

# AAKASH CHAUHAN

 +91-XXXXXXXXXX  aakashch.code@gmail.com  linkedin.com/in/aakashch-code Mumbai, India  github.com/Aakashch-code 

## PROFESSIONAL SUMMARY

Backend-focused developer skilled in **Java 21**, **Spring Boot 3**, and **Spring Security**, with hands-on experience building a modular monolith financial platform. Developed **45+ REST APIs** with **JWT-based authentication** and **polyglot persistence** using **PostgreSQL** and **MongoDB**. Built aggregation APIs for **net worth** and **cash runway**, and integrated a **privacy-first local LLM (Ollama)** for on-device financial summaries and insights.

## TECHNICAL SKILLS

**Languages:** Java 21, SQL, JavaScript

**Frontend:** React (basic)

**Frameworks:** Spring Boot 3, Spring Security 6, Hibernate (JPA), JUnit

**Databases:** PostgreSQL, MongoDB, MySQL

**DevOps & Cloud:** Docker, Git

**Tools:** Postman, Swagger/OpenAPI, IntelliJ IDEA

## KEY PROJECTS

[Intelli Wealth](#) | [Live Demo](#) | *Java 21, Spring Boot 3, PostgreSQL, MongoDB, Docker, React* Nov 2025 – Present

- Built a **modular monolith backend** with **feature-based modules** (**Treasury**, **Wealth**, **Protection**) and **layered separation** (**API**, **application**, **domain**, **persistence**).
- Designed and implemented **45+ REST endpoints** covering **transactions**, **budgets**, **goals**, **assets**, **debt**, **insurance**, **net worth**, and **contingency** workflows.
- Implemented **polyglot persistence** using **PostgreSQL** for **transactional data** and **MongoDB** for **flexible asset and financial summary** data.
- Developed a **contingency analysis API** that computes **total monthly burn**, **liquid assets**, **months of runway**, and **recommended savings gap** from aggregated income, expense, and asset data.
- Secured **REST APIs** using **Spring Security 6** and **JWT-based stateless authentication** and built a lightweight **React frontend** for end-to-end user flows.
- Integrated a **privacy-first local LLM (Ollama)** to generate **on-device financial summaries** without exposing **user data** to external APIs.

[Learn Quest](#) | *Java, Gemini API, Firebase* Sept 2025

- Built an **AI-driven backend** that parses user-uploaded documents using the **Gemini API** to generate dynamic **flashcards** and **practice tests**.
- Designed and implemented backend APIs and processing workflows to transform unstructured content into structured learning artifacts.
- Developed a structured **Skill Guide chatbot** logic to recommend career roadmaps based on user goals and curated market data.

## LEADERSHIP & ACHIEVEMENTS

**Team Leader – Smart India Hackathon (SIH) 2025** 2025

*College-Level Internal Hackathon*

- Selected as a **team leader** for Smart India Hackathon 2025, leading a **6-member team** in a college-level internal hackathon.
- Ranked within the **top 45 teams** out of **140+ teams** by submitting and pitching a structured **solution** for an AI-powered EdTech platform.

## CERTIFICATIONS

[OCI Generative AI Professional](#) | [OCI AI Vector Search Professional](#)

## EDUCATION

**B.E. in Electronics and Telecommunication**

*Terna Engineering College, Nerul, Mumbai*

2024 – 2028 (Expected)

**CGPA: 7.14**