

AAKASH CHAUHAN

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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 2024 – 2028 (Expected)
Terna Engineering College, Nerul, Mumbai **CGPA: 7.14**