

MAYANK SHARMA

Backend and Android Developer Engineer

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SUMMARY

Computer Science student skilled in Java, Spring Boot, Kotlin, and FastAPI. Currently a Backend Developer Intern at Sunedge IT Solutions contributing to scalable API development. Co-founder and Product Lead of Healiora (CU-TBI incubated), focused on building clean, efficient backend systems and real-world applications.

EDUCATION

B.Tech in Computer Science & Engineering

Chandigarh University

📅 08/2022 - 06/2026

Senior Secondary

CBSE Board

📅 04/2020 - 03/2021

Secondary

CBSE Board

📅 04/2018 - 03/2019

EXPERIENCE

Co-founder & Product Lead | Healiora – CU-TBI

Healiora

📅 03/2025 - Present

📍 CU-TBI

HealthTech Startup

- Led overall product strategy and roadmap for the patient mobile app and hospital dashboard.
- Designed the **UI/UX for both patient and hospital platforms**, ensuring a professional, healthcare-focused experience.
- Contributed to **backend development using FastAPI** for core MVP features.
- Collaborated with **CU-TBI mentors** and leveraged incubation resources to refine the product.

Software Developer Intern

SunEdge IT Solutions

📅 12/2025 - Present

📍 Gurgaon, India

IT Services

- Building and maintaining backend services for internal enterprise applications, focusing on scalable API design and clean architecture.
- Gaining hands-on experience with deployment, environment management and version control best practices.
- Collaborating with frontend and QA teams to ensure smooth integration and end-to-end feature delivery.

SKILLS

Java Spring Boot Jetpack Compose Maven

React MySQL MongoDB Backend Development

Android Development RESTful API Design OS DBMS

KEY ACHIEVEMENTS

Co-founder, Healiora – CU-TBI Incubated

Incubated at CU-TBI for an innovative healthcare MVP; successfully led the design and contributed to backend development, delivering a fully functional MVP.

Career Launch Pad – SWC Top Performer

Ranked among top performers in CU's SWC, after clearing multiple competitive rounds including aptitude tests, GD, technical and HR interviews conducted by DCPD.

PROJECTS

E-Commerce Platform | Java Spring Boot, React, MySQL/PostgreSQL

📅 08/2025 - 11/2025

- Developed a **secure full-stack e-commerce app** with authentication, role-based access, and payment integration.
- Built **Spring Boot backend APIs** powering product catalog, orders, and user management.
- Designed **responsive React frontend**, enhancing user experience and engagement.

Stock Analyzer and Portfolio | Java Spring Boot, MySQL, Maven, Thymeleaf

📅 03/2025 - 04/2025

- Built a Spring Boot-based stock portfolio management system to track investments and compute profit/loss.
- Applied layered architecture, validation, and exception handling to ensure clean and scalable backend design.
- Developed REST APIs with Spring Boot, JPA, and MySQL for portfolio and transaction management.

Single & Multithreaded Java Web Server

📅 03/2025 - 04/2025

- A TCP web server project enhancing understanding of socket programming and server management
- Developed custom single-threaded and multithreaded TCP web servers in Java using low-level socket programming.
- Implemented request-response handling, stream-based I/O and connection lifecycle management.