MUHAMMAD AHSEN

Recent IT Graduate | Java | Spring Boot | Backend Development

+92 302 3981012 | muhammadahsen987@gmail.com | ahsen.dev | linkedin.com/in/ahsen987

PROFESSIONAL SUMMARY

Recent BS-IT graduate (3.88/4.00 GPA, Gold Medalist) with hands-on experience in Java and Spring Boot through a backend internship and academic projects. Strong foundation in object-oriented programming, data structures & algorithms, REST APIs, SQL, and software engineering principles. Built a full-stack capstone project demonstrating backend API development, authentication, and database design. Quick learner with strong attention to detail, seeking to contribute as a Java Software Developer in an enterprise environment.

TECHNICAL SKILLS

Languages: Java (OOP, Collections, Exception Handling), SQL, JavaScript (ES6+)
Backend / Frameworks: Spring Boot, Spring Data JPA, REST API Design, Node.js, Express.js, JWT
Databases: PostgreSQL, MySQL, SQL (joins, basic query optimization), Prisma ORM
Frontend: React.js, HTML5, CSS3, Tailwind CSS
Tools & Practices: Git, GitHub, Docker

PROFESSIONAL EXPERIENCE

Java Backend Developer Intern — Evamp & Saanga *Jun 2026 – Present*

- Implement backend development practices using Java and Spring Boot under the guidance of senior developer.
- Applied object-oriented programming concepts and software design principles while implementing backend features.
- Worked with Git-based development workflow and gained exposure to enterprise backend architecture and development practices.

Software Engineering Intern — Centnine *Jun 2025 – Aug 2025*

- Implemented frontend features for a production web application using React.
- Built reusable UI components in React, applying basic object-oriented and component design principles.
- Resolved UI issues and implemented enhancements based on code reviews and senior developer feedback.

Web Developer Intern — VirtualSoft *Nov 2024 – Feb 2025*

- Developed responsive web interfaces using HTML, CSS and JavaScript.
- Practiced core programming fundamentals while working on deadline-based project tasks.

KEY PROJECT

CapTrak — AI-Enabled Multi-Tenant Capstone Management System *(Final Year Project)*

- Designed and developed a multi-tenant capstone management platform supporting role-based authentication and project tracking.
- Integrated an AI-powered module to detect duplicate project ideas, compare historical submissions, and generate improvement suggestions.
- **Technologies:** React.js, Node.js, Express.js, PostgreSQL, Prisma ORM, Ollama, JWT, Google OAuth, Docker, Playwright.

Repository: github.com/m-ahsen/captrak | **Live:** https://captrak.app/

EDUCATION

BS — Information Technology *2022 – 2026*

Khawaja Fareed University of Information and Technology, Rahim Yar Khan

GPA: 3.88 / 4.0 — Gold Medalist (Top of Cohort)

Relevant Coursework: Object-Oriented Programming (Java), Data Structures & Algorithms, Database Systems, Software Engineering