

CHARCHIT PANCHAL

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PROFESSIONAL SUMMARY

Integrated M.Tech Software Engineering student at VIT Vellore with a strong foundation in **Java programming, Object-Oriented Programming (OOP), Data Structures & Algorithms**, and software development. Passionate about building scalable backend applications and learning modern technologies such as **Spring Boot, REST APIs**, and database management. Strong problem-solving skills with hands-on experience in Java-based projects and version control tools.

EDUCATIONS

VIT Vellore Jul 2024 - Jul 2029
Integrated M.Tech in Software Engineering CGPA : 8.8
• **Pursuing Integrated M.Tech in Software Engineering** from **VIT Vellore** with a **CGPA of 8.8**

PROJECTS

ATM Management System | 📄 Github Apr 2026 - Present
Developer
• Built a Java-based ATM Management System featuring **4 essential banking functionalities**: authentication, balance inquiry, withdrawal, and deposit.
• Applied Object-Oriented Programming concepts including classes, objects, constructors, and encapsulation to design the application.
• Implemented robust transaction workflows using conditional logic and exception handling for improved reliability.
• Developed a modular code structure with **10+ methods**, enhancing readability, maintainability, and future scalability.

Technologies / Tools Used : Java, Exception Handling, Collections Framework

Student Management System | 📄 Github Mar 2026 - Apr 2026
Developer
• Developed a Java-based Student Management System implementing **5 essential CRUD functionalities** for managing student records.
• Managed dynamic data using **ArrayList** and the **Collections Framework**, improving data organization and retrieval efficiency.
• Applied OOP concepts such as **encapsulation and abstraction** to build a maintainable and scalable codebase.
• Structured the application using **multiple classes and reusable methods**, enhancing code readability and future extensibility.

Technologies / Tools Used : Java, Collections Framework, OOP, MySQL

SKILLS

Databases :	MySQL, MongoDB
Frameworks & Libraries :	OOP, Spring Boot
Languages :	English, Hindi
Programming Languages :	Java, SQL, JavaScript
Soft Skills :	Analytical & problem-solving mindset, Quick learner and adaptable, Strong attention to detail, Team collaboration and communication
Tools & Platforms :	Git, GitHub, VS Code, IntelliJ IDEA, Maven

CERTIFICATIONS

- **Java Programming Fundamentals** – [Oracle University](#)
- **Java Course** – [HackerRank](#)