

# CHIRANTH M

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## Summary

Aspiring software developer with a strong foundation in Java, SQL, Spring Boot, and Data Structures & Algorithms. Skilled in building backend applications, writing efficient code, and solving problems using core DSA concepts. Familiar with Python for scripting, automation, and basic problem solving.

## Skills

**Programming & Querying:** Java, SQL, Python

**Backend Development:** Spring Boot, RESTful APIs

**Web Technologies (Basic/Familiar):** HTML, CSS, JavaScript

**Database:** MySQL

**Tools & IDEs:** Git, GitHub, IntelliJ IDEA, VS Code, NetBeans

## Projects

### Student Management System | *Java, SQL*

Sep 2025 – Oct 2025

- Developed a role-based student management application using Java and MySQL.
- Implemented authentication and authorization for HOD, Staff, and Student roles.
- Enabled full CRUD operations on student records for HOD and Staff users.
- Designed attendance management with date, course, and academic year filters.
- Implemented marks entry and academic record management features.
- Integrated syllabus management for course-wise information storage.

### Personal Portfolio Website | *HTML, CSS, JavaScript (Basic)*

Aug 2025

- Designed and developed a responsive personal portfolio website using basic HTML, CSS, and JavaScript.
- Implemented structured layouts, styling, and simple interactivity using JavaScript.
- Showcased projects, skills, and contact information in a clean UI.

### Customer Telecom Churn Analysis | *Python*

Oct 2025

- Built a churn prediction system using telecom customer datasets to identify churn patterns.
- Performed data cleaning, exploratory data analysis, and feature engineering.
- Implemented Regression, Decision Tree, and Random Forest models for churn prediction.
- Evaluated models using accuracy and performance metrics; visualized insights with graphs.
- Enabled export/download of churn analysis results for reporting.

## Awards & Certifications

- **Data Structures & Backend with Java – Board Infinity (Coursera, 2025):** Implemented core data structures, Java backend concepts, algorithms, and problem-solving techniques through hands-on coding assignments.
- **Front-end Apps: Servlets & JavaServer Pages – Infosys Springboard (2025):** Developed Java web applications using Servlets and JSP; handled request-response lifecycle, MVC concepts, session management, and dynamic web page rendering.
- **Data Science Essentials with Python – Cisco Networking Academy (2025):** Applied Python for data analysis, data cleaning, basic statistics, and introductory data science workflows.

## Education

### Bachelor of Technology (B.Tech) – Computer Science

Garden City University, Bengaluru

Expected Graduation: 2027

CGPA: 8.58 / 10 (Current)