

Charan Gundlapalli

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Profile Summary

Computer Science and Engineering student with interest in backend systems and secure, data-driven applications. Experienced in developing academic projects involving role-based access control, database management, and automated calculations.

Education

Bachelor of Engineering – Computer Science and Engineering

SIMATS Engineering College

2022 – 2026

CGPA: 8.2 / 10

Intermediate (Class XII) – VIBM Junior College

2020 – 2022

Percentage: 91.4%

Secondary School (Class X) – Apex High School

2020

Percentage: 97.0%

Technical Skills

- **Programming:** Java
- **Database:** MySQL (Beginner)

Academic Projects

Micro-Credential Aggregator — Major Project

- Designed a centralized system to issue, store, and manage academic and professional micro-credentials.
- Implemented role-based access for issuers, learners, administrators, and employers to ensure secure data handling.
- Developed credential verification workflows to validate authenticity and prevent fraudulent claims.
- Enabled employers to search and view verified credentials using learner identifiers for faster hiring decisions.
- Improved transparency and reduced manual verification efforts across institutions.

Tech Stack: PHP, SQLite, Java, Role-Based Access Control

CGPA Calculator — Academic Project

- Developed an academic CGPA calculator supporting multiple subjects, grading schemes, and attendance tracking.
- Implemented subject-wise grade and attendance input with automatic grade points, CGPA, and attendance percentage calculation.
- Integrated EmailJS to send calculated CGPA and attendance reports directly to user email.
- Designed a clean and user-friendly interface suitable for offline academic use.
- Validated inputs to prevent incorrect calculations and ensure accurate academic reports.

Certifications

- Oracle Cloud Infrastructure 2024 Certified AI Foundations Associate