

Vasu Maredugonda ↗

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 LinkedIn |  Github

Summary

Engineering student with a strong foundation in Data Structures & Algorithms, hands-on experience in web development, and a proven ability to build projects independently. I enjoy solving problems at the logic level and translating that thinking into practical applications using Python, JavaScript, Flask, databases, and APIs. I'm beginning my journey into machine learning through applied learning, and actively participate in hackathons and technical workshops to learn, build, and collaborate.

Education

Vasavi College of Engineering Currently Pursuing BE in Computer Science	2025-2028
Teegala Krishna Reddy Engineering College Diploma in Computer Science	2022-25 CGPA- 9.2

Technical Skills

Frontend Technologies	: HTML, CSS, JavaScript
Backend Technologies	: Python, Java , C++ , C#
Technologies	: REST APIs,Auth and routing, ClientServer Architecture,Database integration
Libraries	: BeautifulSoup, OpenCV,Pandas,Numpy
Frameworks	: Flask , Fast API
Databases	: SQL, MongoDB
Tools/Engines	: Git,Postman,Basics of Unity Engine

Professional Experience

Swayam - The Entrepreneurship Cell Technical Team Member: Contributing to software prototypes for Student Entrepreneurs.	2025
Campus Ambassador at TooClarity Working as a College Representative	2025

Projects

Visual Genius [github](#) (from Sept – Dec 2024) :

its an innovative web application developed as my diploma final-year project, leveraging the Google Cloud Vision API for advanced image processing.It enables features such as landmark,object,text recognition through a web-based interface.The project demonstrates practical use of cloud APIs, backend integration, and real-world computer vision capabilities.

QuickCred [github](#) (from Sept – Dec 2025)

Contributed to building software prototypes for early-stage startups as part of the Swayam Entrepreneurship Development Cell. Worked on QuickCred, a peer-to-peer student lending platform, developing the backend with Python (Flask), managing data using MongoDB, and integrating the frontend with JavaScript.

Certificates:

Java Foundation Certificate by Infosys Springboard , MongoDB Overview Certificate