AVULA VENUMADHAV

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SUMMARY

Enthusiastic and adaptable Computer Science graduate with a basic foundation in programming, front-end development. Completed corporate-level software development training from UST. Passionate about leveraging technology to solve real-world problems, currently seeking a role that values innovation, learning, and growth.

EDUCATION

Bachelor of Technology in Computer Science and Engineering

Gandhi Institute of Technology and Management | August 2020 – June 2024   CGPA: 7.5

Board of Intermediate Education

MGM Junior College | May 2018 – April 2020   CGPA: 8.5

Board of Secondary School

Sri Swamy Vivekananda High School | June 2017 – April 2018   CGPA: 8.7

TECHNICAL SKILLS

- Programming Languages: Java
- Web Development: HTML, CSS, Angular (basic), React (basic)
- Backend Technologies: Spring Boot
- Graphic Design: Photoshop, Premiere Pro

PROJECTS

Vehicle Detection and Speed Detection   February 2023 – March 2024

- Built AI-powered vehicle detection system using Python and OpenCV.
- Integrated YOLO for real-time detection and Kalman filters for speed estimation.
- Designed UI for speed display and alerts.
- Conducted testing on real and synthetic datasets.

Expense Tracker Application (UST Global Training)   December 2024 – May 2025

- Developed a web-based expense tracker to log and categorize daily expenditures.
- Collaborated using Angular and React for responsive front-end interfaces.
- Implemented backend services with Java and Spring Boot for user authentication and data management.
- Integrated MySQL for transaction data storage and financial reports.
- Created expense logging, category-wise reports, and interactive data visualization.

CERTIFICATIONS

Adobe Photoshop – Coursera