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