Vankayalapati Hima Teja

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Summary

Web Developer with expertise in building dynamic web applications. Proficient in HTML, CSS, and JavaScript for front-end development. Experienced in back-end development using Python and relevant frameworks. Developed responsive and user-friendly web interfaces. Implemented data-driven solutions with strong problem-solving skills. Skilled in full-stack web development.

Education

Bachelor of Technology in Electronics and Communication Engineering — November 2022 – April 2025
Sree Rama Engineering College — Percentage-– 72.5%

Diploma in Electronics and Communication — June 2017–August 2020
Chadalawada Venkata Subbaiah College of Engineering — Percentage - 60%

Secondary (X), SECONDRY SCHOOL CERTFICATE OF ANDHRA PRADESH — June 2016– March 2017
Sri Vidya Jyothi High School — CGPA – 7.5

Technical Skills

- **Programming Languages:** Python
- **Web Development:** HTML, CSS, JavaScript
- **Database Management:** MySQL
- Software Development LifeCycle

Work Experience

Internships

EDU SKILLS — January 2025 – March 2025
Embedded System Virtual Internship

During my Embedded Systems internship, I gained experience in microcontroller programming (Arduino, ARM, 8051) and embedded C development. I worked on hardware-software integration, sensor interfacing, and communication protocols (I2C, SPI, UART). I also developed skills in circuit design, debugging, and IoT communication (Wi-Fi, Bluetooth). This internship improved my problem-solving and technical documentation abilities, preparing me for real-world embedded system projects.

Strdyo Technologies Pvt.ltd., Tirupati — May 2024 – July 2024
Embedded System Internship

Worked at Strydo Technologies Pvt as embedded system engineer, designing and developing innovative IoT-based solutions, collaborating with clients, and delivering successful projects that improved efficiency and reduced costs."

Projects

IOT- BASED SMART DUSTBIN — January 2025 - April 2025
- Utilized sensors to monitor waste levels and send notifications when full.
- Designed and implemented an IoT-based smart dustbin system.
- Enabled efficient waste management and reduced overflowing trash.
- Promoted sustainability and cleanliness through smart waste collection.

BANK OPERATION SYSTEM — April 2025 - May 2025
- Bank Operation Project - Designed and developed a banking system using Python and MSQL.
- Database Management - Created and managed a database schema to store account and transation data.
- User Interface – Developed a user-friendly interface to perform banking operation.
- Transaction Management – Implemented deposit, withdrawal, and balance check features with transaction history.

MOVIE TICKET BOOKING SYSTEM — May 2025 - June 2025
Developed a console-based movie ticket booking system using Python. Implemented features for booking, cancelling and displaying movies. Utilized object-oriented programming (OOP) concepts for efficient design. Demonstrated skills in python programming, OOP, and application development programming, OOP, and application development.

Certifications

- NPTEL Certificate on Iot-Internet of Things — NPTEL
- NPTEL Certificate on DIP-Digital Image Processing — NPTEL
- Infosys Course Completion Certificate on Python — INFOSYS
- Attained CCNA - Networks Proficiency — CISCO
- AtCertificate of Virtual Internship on Embedded System — EDU SKILLS
- Python and SQL Full Course Completion on Virtual training instiution — BESANT TECHNOLOGIES