

P. VYDYA AMAR AKHIL

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Professional Summary

I am an Electronics and Communication Engineering graduate aspiring to build a career in Python programming and web development. My skills include Python, HTML, CSS, and JavaScript. I am passionate about learning and developing innovative solutions while growing as a professional in the tech industry. Open to networking and collaboration opportunities.

Education

- **Sreenidhi Institute of Science and Technology**, Hyderabad, TG
Bachelor of Technology in Electronics and Communication Engineering Aug 2019 – Aug 2024
- **Sri Gayatri Junior College**, Hyderabad, TG
Senior Secondary March 2019

Experience

- **Web Development Intern**, Codsoft Technologies Dec 2024 – Jan 2025
 - Developed a personal portfolio using HTML, CSS, and JavaScript.
 - Built a fully functional calculator using JavaScript DOM manipulation.
 - Created a landing page with modern design using HTML and CSS.
- **Web Development Intern**, Skill Craft Technologies Dec 2024 – Jan 2025
 - Designed a landing page using HTML, CSS, and JavaScript.
 - Developed a Tic-Tac-Toe game with interactive functionality.
 - Created a To-Do app for task management.

Projects

- **Portfolio Website** — *HTML, CSS, JavaScript, GitHub*
 - Designed and developed a responsive portfolio website showcasing personal projects and certifications.
 - Integrated GitHub repositories for live previews of project files.
 - Created user-friendly navigation and sections for projects, certificates, and links.
 - Styled the website to achieve an advanced, professional design.
- **Shipping Container Monitoring cum Tracking System** — *GPS, GSM, Embedded Systems*
 - Designed and implemented a GPS and GSM-based tracking system for real-time monitoring of shipping containers.
 - Integrated temperature and humidity sensors for monitoring environmental conditions inside the container.
 - Configured Arduino for seamless interfacing with GPS, GSM modules, and sensors.
 - Developed a user-friendly interface to visualize container locations and send alerts.
- **Invisible Security System** — *Embedded Systems, Sensors, Security Monitoring*
 - Designed and implemented a security system using embedded systems with motion and proximity sensors.
 - Integrated real-time alert mechanisms for detecting and notifying about unauthorized intrusions.
 - Calibrated sensors for enhanced accuracy and reliability in various environmental conditions.
 - Demonstrated practical applications for securing restricted areas and sensitive installations.

Technical Skills

- **Languages:** Python, JavaScript, HTML, CSS
- **Frameworks:** Angular, Bootstrap
- **Developer Tools:** Git, Google Cloud, VS Code, PyCharm