Arth Vansola

Full-Stack Developer | AI & Robotics Enthusiast
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EXPERIENCE

MERN Developer – 360 Design   May 2025 - June 2025

- Dived into full-stack web development using React.js, Node.js, Express.js, and MongoDB, building dynamic and responsive web apps from scratch.
- Gained real-world experience in designing, developing, and deploying modern web solutions while sharpening my frontend-to-backend integration skills.
- Created functional documentation and ensured clear user flow - enhancing user experience and system clarity.

Virtual Robotics Internship - Kodacy x SPACE   Oct 2024

- Worked closely on real-world robotics challenges—integrating sensors, actuators, and building automation workflows from the ground up.
- Sharpened design and control skills through simulations and hands-on problem-solving, while collaborating with peers to tackle complex engineering tasks.
- Solved real-world automation challenges involving sensors and actuators, contributing to problem analysis and workflow design.

EDUCATION

- **LDRP Institute of Technology and Research**   Sept 2022 - 2026
  - Bachelor of Engineering (B.E.) in Computer Engineering, CGPA – 8.3 , pursuing
- **Sheth Shree M. M. Shah Vinay Vidhya mandir**   Sept 2020 – Mar 2022
  - Higher Secondary Education (Science - Mathematics Group), School Topper

SKILLS

- **Tools :** Git & GitHub, Postman, Arduino, Google Workspace, Microsoft Office, Notion, Jupyter Notebook, Google Colab, Streamlit
- **Technical Skills :** HTML, CSS, JavaScript, Tailwind CSS, Python, Basic Data Science, Bootstrap, MongoDB, PostgreSQL, Flask, Selenium
- **Soft Skills :** Communication, Collaboration, Problem-Solving, Analytical Thinking, Attention to Detail, Ownership

PROJECT

- **Credit Card Fraud Detection**: Built a fraud detection system that classifies credit card transactions as genuine or fraudulent using KNN with data preprocessing and feature scaling.
- **Mood Detection Website**: Built a mood detection website that reads human facial expressions from uploaded photos to identify emotions in real time, using AI-powered analysis with React and Flask for personalized responses.

CERTIFICATION

- **Python for Data Science** - IIT Madras (Silver Badge, Grade - 75%)
- **Introduction to Computer Vision with TensorFlow** - Google Cloud
- **AI Prompt Engineering and RAG for Software Engineers** - Udemy
- **The Origins Series (HTML, CSS, JavaScript)** - Codedex
- **AI for Beginners** - HP