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Objective :

Python Developer with 1 year of experience in web development and AI-powered solutions using Django and ChatGPT API. Passionate about web development, automation, and AI.

Education :

M.Tech – Power Electronics

National Institute of Technology Tiruchirapalli, Tamilnadu | 2020

B.E. – Electrical Engineering

Vishwakarma Government Engineering College, Ahmedabad, Gujarat | 2018

Technical Skills :

- Programming Languages : Python, C, MATLAB, Verilog HDL
- Web Development: Django, JavaScript, HTML, CSS, Bootstrap
- AI & Data Analysis: ChatGPT API, Data Visualization, NLP (SpaCy), Pandas
- Cloud & Deployment: Azure
- Databases: PostgreSQL, SQLite
- Embedded Systems : Microcontrollers(ARM, AVR), Raspberry Pi
- Communication Protocols : UART, SPI, I2C
- Software Development Tools : Pycharm, MATLAB, Arduino IDE, Thonny, Xilinx ISE Design Suite
- Version Control : Git

Experience :

Python Developer

JMS Advisory Services Private Limited | Feb 2024 – Present

- Developed an AI-powered Applicant Tracking System (ATS) using Django.
- Guided junior developer in creating an internal attendance system.
- Led a team of 2 developers to build a resume-making website.
- Integrated Azure for cloud deployment to ensure scalability and reliability.

Projects :

AI-Powered Applicant Tracking System (ATS):

- Built an ATS using Django to streamline recruitment workflows.
- Integrated ChatGPT API for candidate analysis reports with interactive data visualization.

- Implemented automated resume screening with scoring based on relevant skills and experience.
- Ensured a user-friendly design and smooth functionality through continuous testing and optimizations.
- Deployed the system on Azure for seamless scalability.
- **Attendance System:**
 - Led and mentored a junior developer in building an internal attendance system.
 - Provided guidance on writing clean, maintainable code following best practices.
 - Debugged and resolved critical issues to enhance system stability and performance.
 - Improved overall code quality and efficiency through structured code reviews and optimizations.
- **Resume Making Website:**
 - Led and mentored a team of 2 developers in building a resume-making website.
 - Guided juniors on writing clean, efficient, and maintainable code following best practices.

Internship :

Embedded Developer

Innovix Pro Private Limited | Oct 2023 – Jan 2024

- Performed different projects on Arduino, Raspberry Pi, ESP8266
- Seamless integration of hardware components.
- Conducted thorough testing and troubleshooting to ensure product reliability.
- Collaborated with cross-functional teams to troubleshoot and resolve hardware/software integration issues.

Projects :

- **Line Following Robot :**
 - Built a two-wheel robot using Arduino Nano, IR sensors, and an L293D motor driver.
- **Pi Pico Retrogaming Gameboy :**
 - Designed a Raspberry Pi-based retro gaming console to emulate classic games.

Certifications :

- Completed Machine Learning course by Andrew Ng on Coursera.
- Attended workshop on MATLAB Programming and Applications in Electrical Engineering at NIT Trichy (2018).
- Participated in a Drone workshop at Nirma University (2016).
- Industrial visit to Kakrapar Nuclear Power Corporation of India Limited (2017).

Extracurricular Activities :

- Member of organising team in PGION-2K19 at NIT-Trichy.