

Python Django Developer – Vidhi Devalia

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Professional Summary

Results-driven Python Django Developer with strong expertise in full-stack web development and real-time applications. Proficient in Python, Django, MySQL, and front-end tools (HTML, CSS, JavaScript). Skilled in implementing AI-based detection systems using OpenCV and YOLOv5. Demonstrated ability to solve complex problems and deliver clean, maintainable code. Interested in leveraging skills in scalable systems and collaborative environments. Strong communicator, team player, adaptable and quick learner with a high level of attention to detail and problem solving abilities.

Education

Bachelor of Engineering in Computer Science and Engineering, New LJ Institute of Engineering and Technology – Ahmedabad (GTU)

Diploma Engineering in Computer Engineering, Om Institute of Engineering and Technology – Junagadh (GTU)

Internship Experience

Python Django Developer, Aashka Infocom Pvt. Ltd. – Ahmedabad, India

- Engineered a real-time fire detection system that integrates OpenCV, YOLOv5, and Django to improve accuracy by 70%.
- Developed back-end logic for image capture, MySQL storage, and Tkinter alerts.
- Integrated Google Places API for nearest station detection and OpenStreetMap for address lookup.

Python Django Developer, InfoLabz – Ahmedabad, India

- Industry practices learned in Django.
- Enhanced admin dashboard with custom back-end features and user management.
- Collaborated on debugging, testing, and database optimization tasks.

Key Projects

Fire Detection System

- YOLOv5-trained system to detect fire from live camera feeds with real-time alerts.
- Integrated alert mechanisms (sound + GUI) and saved incidents to MySQL via Django ORM.
- Stack: Python, Django, OpenCV, Tkinter, YOLOv5, MySQL.

Notepad Clone

- Built a customizable notepad tool that supports save, format, and export operations.
- Tools: Python, Tkinter.

Weatherwise Web App

- Responsive weather app showing live climate data (API-based).
- Stack: HTML, CSS, JavaScript, Weather API.

Technical Skills

Languages: Python, JavaScript, HTML, CSS, SQL, C, C++

Frameworks: Django, Flask (basic)

Libraries & Tools: OpenCV, Tkinter, YOLOv5, Pandas, NumPy, Git, VS Code, GitHub, REST APIs

Database: MySQL

Certifications

Core Python, Bascom Computer Education – Ahmedabad

Advanced Python, Bascom Computer Education – Ahmedabad

MySQL and Django, Bascom Computer Education – Ahmedabad