

Vaibhav Patil

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Professional Summary

Python Developer experienced in Django, REST APIs, and SQL databases. Skilled in building scalable web applications, automating workflows, and integrating AIML-driven solutions. Proficient in debugging, testing, and optimizing backend systems.

Technical skills

Languages: Python JavaScript

Web Framework: Django Flask FastAPI

API Development: REST APIs, Webhook, ORM, API Authentication and Integration

Databases: PostgreSQL, MySQL, MongoDB, Redis, Pinecone

Frontend Technologies: ReactJs, JavaScript, HTML, CSS

Version Control: Git, GitHub, GitLab

Deployment and Debugging: Testing, Postman, logging, performance optimization

Development Tools: VS Code, Git CLI, Docker, Linux, SDLC, Agile, Scrum

Soft Skills: Quick learner, problem-solving mindset, teamwork, effective communication

Experience

Python Developer, C-DAC – Hyderabad, India

Oct 2024 – Present

- Designed and developed a dynamic form-building platform similar to Google Forms using Django and DRF. data exchange.
- Implemented user-friendly APIs to support form creation, customization, response collection, and analytics.
- Secured form submissions through encryption and role-based access control.
- Integrated asynchronous email alerts using Celery and background workers.
- Developed frontend components using React and Vue.js to render dynamic forms.
- Deployed the platform on AWS EC2 with file storage handled via S3 and PostgreSQL for persistence.
- Engineered RESTful APIs to deliver form services to external applications for registration and feed- back.
- Enabled cross-application integration through token-based authentication and dynamic routing of form submissions.
- Developed middleware to validate payloads, manage file uploads, and log API activity.
- Created API documentation and usage guides using Swagger/OpenAPI for external developer teams.
- Followed microservice architecture and containerized deployments using Docker.

Software Engineer, Nimble Intelligent Solutions – Nashik, India

March 2024 – June 2024

- Developed high-quality Python APIs and RESTful integrations.
- Develop, train, and deploy machine learning models for computer vision, face recognition, and path finding models.
- Optimized SQL-based data management solutions.
- Designed scalable AI application database systems.
- Integrated third-party APIs and ensured interoperability.

AIML Trainee, PDRL – Nashik, India

July 2023 – Feb 2024

- Led image annotation and GIS integration for drone data analytics.
- Automated data workflows using web scraping scripts.
- Developed and deployed AI apps for drone data.
- Pre-processed data and trained object detection models.
- Collaborated with cross-functional teams.

Education

Sandip University, Computer Science and Engineering

May 2019 – May 2023

- GPA: 8.4

Projects

FaaS - Form as a Service

[Project Link](#)

web application for managing event-linked forms and organizing responses, with automation features to streamline form creation and reduce manual input for recurring workflows.

Tech Stack: Django DRF, React, Mysql

- **CForms**

[Project Link](#)

A survey and registration tool compatible with Google Forms, used for creating structured forms for events, feedback, and data gathering, supporting a wide range of use cases.

Tech Stack: Django DRF, React, Mysql

Open Source

- **WebShare**

[Project Link](#)

WebShare is a fast, secure, and lightweight file-sharing solution designed specifically for developers and tech teams. It enables quick file transfers over your local network—no sign-ins, no internet dependency. Your data stays private and within your network.

Tech Stack: Django DRF, React, MongoDB