Pankaj Shinde
Python Developer | Full Stack Developer

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SUMMARY

Python Developer with **1+ years of hands-on experience** building and deploying **scalable web applications** using **Django**, **Django REST Framework (DRF)**, **Flask**, and **JavaScript**. Developed **RESTful APIs**, optimized **database queries** (**PostgreSQL**, **MySQL**, **SQLite**), and contributed to **responsive UI** using **HTML**, **CSS**, **JavaScript**, and **Bootstrap**. Experienced in the full **Software Development Life Cycle (SDLC)**, from planning to deployment, with strong skills in **debugging**, **performance tuning**, and **version control** using **Git**. Collaborated with **cross-functional teams** in **Agile environments** to deliver **high-performance solutions** tailored to user needs.

TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript
- **Frameworks & Libraries:** Django, Django REST Framework, Flask, Pandas, PyQGIS, PyQT5
- **Async Frameworks:** FastAPI, Aiohttp, Starlette
- **Databases:** PostgreSQL, MySQL, SQLite, MongoDB, ElasticSearch
- **Web Technologies:** HTML, CSS, JavaScript, Bootstrap
- **API Development & Tools:** REST API, SOAP, FastAPI, Google API,OAuth2, OpenAI API
- **Development Tools & IDEs:** PyCharm, GitHub, VS Code, Anaconda, Postman, JIRA, QGIS
- **Operating Systems:** Windows, Ubuntu

CERTIFICATIONS & EDUCATION

KCEs M.J. Collage   Jalgaon, Maharashtra
Bachelor of Computer Applications   2021 - 2023

S.S. JR. Collage   Jalgaon, Maharashtra
Higher Secondary Certificate   2017 - 2018

S.S.V. Vidyalay   Jalgaon, Maharashtra
Higher Secondary Certificate   2015 - 2016

- Python (Basic) – HackerRank   Certificate
- REST API (Intermediate) – HackerRank   Certificate
- Django Certification – Great Learning   Certificate
- Python (ML) Certification – Great Learning   Certificate

PROFESSIONAL EXPERIENCE

Koli Infotech   **Dindoli, Surat, Gujarat**
Python Developer   Feb 2024 - Present

- Built and maintained scalable web applications using Python, Django, and Flask, improving development efficiency by 25%.
- Designed and integrated 10+ RESTful APIs, reducing data latency by 30%.
- Resolved 15+ performance bottlenecks through code refactoring, cutting page load times by 40%.
- Collaborated with cross-functional teams to enhance UX, increasing user satisfaction by 15%.
- Wrote 50+ unit tests, achieving 95% test coverage and reducing bugs by 40%.

PROJECT EXPERIENCE

META'S LLAMA 4   OCT 2024 - Present

Meta's Llama 4 is a cutting-edge initiative aimed at developing and refining a state-of-the-art large language model (LLM) optimized for tasks like research, content creation, and customer service. Llama 4 utilizes **Reinforcement Learning from Human Feedback (RLHF)** to enhance its natural language understanding and generation abilities. The project at **Turing** revolves around training, evaluating, and refining Llama 4 for real - world applications.

Trainer (Early Stages):

- Worked on **data preparation**, **fine - tuning**, and **training** the Llama 4 model using RLHF.
- Set up training systems and **optimized** the model to improve performance.
- Applied **feedback** to enhance the model's **accuracy** during the training process.

Reviewer (Present Role):

- Continuously reviews the model's performance and evaluates the **quality of outputs**.
- Assesses and improves **feedback loops** and adjusts the **reward systems** to make the model more effective.

TEAM GPS (IT BY DESIGN)   AUG 2024 - OCT 2024

TTeam GPS is an employee management platform designed to improve organizational performance through features like: Survey creation, Meeting management, Employee recognition, Goal setting, Bulk user management, Seamless Single Sign - On (SSO) integration (e.g., Microsoft SSO)

- **API Development:** Created APIs to link surveys with tickets and integrated CSAT/CES feedback with PSA tools.
- **Employee - Focused Features:** Developed and enhanced features like 1:1 meeting creation, goal setting, and bulk user creation to improve the employee experience.
- **Issue Resolution:** Identified and fixed issues related to goal setting and meeting management to ensure smooth functionality.
- **Performance Management and Engagement:** Contributed to system improvements for performance tracking, feedback submission, and employee engagement.
- **System Optimizations:** Worked on optimizing the platform for reliability and scalability.

GROW INDIGO'S CARBON DASHBOARD   MAR 2024 - AUG 2024

Grow Indigo is an initiative committed to combating climate change through sustainable agriculture**.** The platform allows users to measure, monitor, and monetize carbon credits generated from agricultural activities, with an emphasis on soil carbon sequestration.

- **QGIS Plugin Development:** Developed a plugin for QGIS to manage and visualize spatial data, converting farmer and farm data into geospatial formats (polygons and coordinates).
- **Dashboard Integration:** Created a user - friendly dashboard for managing data, visualizing maps, and customizing symbology to support sustainable farming and carbon sequestration efforts.