Pradeep Singh

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Professional Summary

Python Developer with approx 2 years of experience in building and deploying scalable applications. Proficient in web development (Flask, Django), RESTful APIs, desktop automation, data processing, and backend systems. Strong grasp of OOP principles, clean code practices, and performance optimization. Adept at problem-solving, learning new technologies, and working collaboratively in agile environments.

Technical Skills

- Languages: Python, SQL, HTML, CSS
- Frameworks: Flask, Django
- Libraries: Pandas, NumPy, Requests, Matplotlib, Selenium
- Databases: MySQL, SQLite, PostgreSQL
- Tools & Platforms: Git, Postman, AWS (Basics)
- Others: REST APIs, JSON, XML, OOP, PyAutoGUI

Professional Experience

Python Developer

Docintosh Technologies LLP, Thane | Jul 2024 - Present

- Developed and deployed PDF automation tools using Flask for grammar/spell checks and encryption/decryption with OCR support.
- Migrated legacy Flask apps to Django, enhancing performance and responsiveness.
- Integrated OpenAI APIs for intelligent Q&A capabilities and used Selenium for browser automation.
- Implemented real-time error logging and email alerts via logging module and SMTP.
- Built desktop automation tools using PyAutoGUI for internal processes.

Key Projects:
- Be-Bot (Voice Q&A App): Tkinter + pyttsx3 + OpenAI integration.
- PDF Quality Checker: Automated proofreading with OCR and LanguageTool.
- Be-Encryptor: Secure file encryption tool deployed via AWS (Flask-based).

Web Developer

Retailsera, Thane | Oct 2023 - Jul 2024

- Built web apps and automation tools using Python and Flask.
- Created technical tools and dashboards for the digital marketing team.
- Supported backend development and handled API integrations.
- Assisted in data processing and web automation scripts.

Python Developer Intern

S**alt-Tech Software Solutions Pvt. Ltd., Thane | Jul 2022 - Dec 2022**

- Developed REST APIs using Flask and integrated third-party APIs.
- Created Python automation scripts for data entry and scraping.
- Contributed to database schema design and performance optimization.
- Participated in Agile sprints and wrote unit tests using unittest.

Education

Bachelor of Science in Information Technology (BSc IT)
University of Mumbai | 2017 - 2020

HSC (12th), Science
Maharashtra State Board | 2017

SSC (10th)
Maharashtra State Board | 2015

Certifications

- Diploma in Data Science

Strengths

- Fast Learner & Team Player
- Strong Communication & Documentation Skills
- Passionate about Automation, Clean Code & Innovation