KAMALA P

Chidambaram - 608 001

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Objective

Passionate Python developer intern with hands-on experience in Python, SQL, and web technologies (HTML, CSS, JavaScript, Django). Seeking a full-time role to apply technical skills and contribute to impactful software development.

Technical Skills

Languages: Python, Basic of C
Web Technology: HTML/CSS, JavaScript
Database: SQL
Developer Tools: VS Code
Technologies/Frameworks: GitHub, Django

Experience

IndianOil Corporation Limited   **July 2024 – Present**
Python developer Intern   *Chennai, Tamil Nadu*
- Designed and developed dynamic web applications using Python and Flask/Django, integrating with front-end technologies like HTML, CSS, and JavaScript to deliver seamless user experiences.
- Utilized MySQL/SQLite to manage and manipulate data for internal projects.
- Contributed to the documentation of code and technical processes to support future development efforts.
- Automated data collection and reporting processes, saving X hours per week of manual work.
- Implemented unit tests and performed debugging to ensure the reliability and stability of the web applications, reducing error rates.

Projects

Automated Hardware and Software Information Fetcher (Web-Based) IOCL | *Python, Django, MySQL*   **Mar 2025**
- Developed a web app to automatically fetch hardware details (CPU, monitor, serial numbers) and software versions (SAP, Windows, Trellix).
- Implemented a dynamic PM report form for real-time tracking and reporting.
- Used Python (psutil, winreg) for data retrieval, Django for web development, and MySQL for storage.
- Integrated secure authentication, role-based access, and automatic updates for current data.

Car Booking System (Web-Based) IOCL | *Python, Django, SQLite, HTML, CSS, Js*   **Dec 2024**
- Developed a web-based system for employees to book cars, with admin can approve or reject car bookings based on availability.
- Integrated email notifications to alert admins of new bookings, and notify employees about the admin's response (approval or rejection).
- Used Django for backend, MySQL for data storage, and email notifications for real-time updates between employees and admins.

Education

A.V.C College of Engineering   **Aug. 2018 – July 2022**
Bachelor of Engineering (ECE) - 8.6 CGPA   *Mayiladuthurai, Tamil Nadu*

Venus Matriculation Higher Secondary school   **July 2017 – May 2018**
HSC - 88.25 percent   *Chidambaram, Tamil Nadu*

R.C.T Higher Secondary School   **July 2015 – May 2016**
SSLC - 95 percent   *Chidambaram, Tamil Nadu*

Course Certifications

Python, Django, Web Technologies and SQL Certification   **Jan 2023**
Issued by QSpider   *Chennai, Tamil Nadu*

Awards and Honors

Academic Rank: 2nd Rank   **2018 - 2022**
                                                                    A.V.C College of Engineering
- ∗ Awarded Silver Medal for Academic Rank Holder