

# KAMALA P

Chidambaram - 608 001

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**Portfolio:**kamalaportfolio.netlify.app

## Objective

Software Developer with hands-on experience at IndianOil. Built full-stack web applications using Python, Django, HTML, CSS, JavaScript, and SQL. Skilled in writing clean, maintainable code. Focused on building scalable solutions that improve performance and user experience. Seeking a full-time opportunity as a Software Developer to contribute to backend, frontend, and API-driven solutions in an Agile environment.

## Technical Skills

**Languages:** Python, C (Basics)  
**Web Development:** HTML, CSS, JavaScript  
**Databases:** MySQL, SQLite, SQL  
**Frameworks:** Django, Bootstrap  
**Developer Tools:** VS Code, GitHub

## Experience

### IndianOil Corporation Limited

July 2024 – Present

*Software Developer – Project-Based Role*

*Chennai, Tamil Nadu*

- Developed and deployed dynamic web applications using Python and Django, integrating responsive front-end technologies such as HTML, CSS, and JavaScript.
- Managed and manipulated large datasets using MySQL and SQLite for internal enterprise solutions.
- Documented APIs and workflows to streamline future onboarding and feature development.
- Followed an Agile-inspired development workflow by building and testing features in iterative stages.
- Used Git and GitHub for version control to track progress and manage code changes effectively.

## Projects

### Automated Hardware and Software Information Fetcher (Web-Based) – IOCL | *Python, Django, MySQL* Mar 2025

- Built a web-based tool to automatically fetch and display hardware details (CPU, monitor, serial numbers) and software versions (SAP, Windows, Trellix) from client machines.
- Designed a dynamic Preventive Maintenance (PM) report form for real-time asset tracking and reporting.
- Utilized Python libraries `psutil` and `winreg` for hardware/software data extraction.
- Implemented role-based access control, secure authentication, and auto-updating of system data using Django and MySQL.

### Car Booking System (Web-Based) – IOCL | *Python, Django, SQLite, HTML, CSS, JavaScript*

Dec 2024

- Developed a web-based application for employees to request car bookings, with admin access to approve or reject requests based on availability.
- Integrated automated email notifications to alert admins and employees of booking status changes.
- Developed and deployed a car booking system using Django and SQLite, integrated automated email notifications, tested user workflows, and refactored backend code to improve performance and maintainability.

## 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

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**Python, Django, Web Technologies and SQL Certification**

*Issued by QSpider*

**Jan 2023**

*Chennai, Tamil Nadu*

## Awards and Honors

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**Academic Rank: 2nd Rank**

**2018 - 2022**

*A.V.C College of Engineering*

- Awarded the Silver Medal for securing 2nd rank in B.E Electronics and Communication Engineering department.