

# SHARON K VARGHESE

PYTHON FULL-STACK DEVELOPER | DJANGO DEVELOPER | SOFTWARE ENGINEER TRAINEE

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Location: Ernakulam, Kerala

## PROFILE SUMMARY

Results-driven Python Full-Stack Developer with hands-on experience in building scalable web applications using Django, Angular, REST APIs, and SQL/NoSQL databases. Proven ability to develop end-to-end solutions, mentor interns, and deliver responsive, user-focused applications. Seeking a full-time developer role to contribute to high-impact software projects.

## SKILLS

### TECHNICAL SKILLS

- Programming & Frameworks**  
Python, Django, Flask, Angular, React JS, REST API, GenAI, Genkit, Firebase
- Frontend Technologies**  
HTML5, CSS3, JavaScript, jQuery, Bootstrap
- Databases**  
MySQL, MongoDB, SQLite3
- Tools & Platforms**  
Git, Docker, Unit Testing, Socket Programming, Web Scraping, Tkinter
- Other Tools**  
Excel, MS Word, PowerPoint, Windows OS

### SOFT SKILLS

Problem Solving, Analytical Thinking, Team Collaboration, Adaptability, Attention to Detail

## WORK EXPERIENCE

### 1. Quest Innovative Solutions, Kochi

Software Engineer Trainee | Dec 2024 – Dec 2025

- Developed full-stack web applications using Django, Angular, React, Python, MySQL, and RESTful APIs
- Designed and implemented responsive UI components following modern UI/UX standards
- Integrated backend logic with frontend interfaces for seamless user experience
- Mentored and trained interns in Python, Django, and web development best practices
- Collaborated with team members using Git for version control

Python Full-Stack Developer Intern | Mar 2024 – Nov 2024

- Built a Student Management System using Django with authentication, CRUD operations, and performance tracking
- Designed mobile-friendly templates using Bootstrap 5, HTML, CSS, and JavaScript
- Implemented dynamic data handling using jQuery and DOM manipulation
- Developed interactive applications including:
  1. 8x8 Chessboard using JavaScript

2. Calculator & Registration Forms using Python Tkinter
  3. Phone Book application using Python (OOP-based design)
- Managed and optimized SQL queries and database schemas

## **2. Naffco Electro Mechanical Co. (LLC), Abu Dhabi, U.A.E**

***Fire Alarm Technician (Contract / Site Role) | 2023 – 2024 (8 Months)***

- Performed maintenance and servicing of fire alarm systems
- Maintained central battery systems to ensure operational reliability
- Conducted servicing of FM200 and foam-based fire suppression systems

## **PROJECTS**

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- Air Quality Monitoring System - Django, REST API, MySQL
  - Built real-time air quality data tracking with API integration
  - Implemented CRUD operations and data visualization
- Smart Hiking - AI Powered Hiking Application
  - Designed intelligent route suggestions using AI concepts and Copilot chat support
  - Integrated user data and location-based features and data visualizations
- Hemoflow+ - Online Blood Donation System
- E-Voting System - Online Voting Platform

## **ACADEMIC QUALIFICATIONS**

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- **Diploma - Industrial Electrical Engineering**  
Little Flower Engineering Institute, Kalamassery | 2022–2023  
Percentage: 90%
- **Bachelor of Commerce - Finance & Taxation (Pursuing)**  
TANDEM College, Ernakulam – MG University | 2019–2022
- **Higher Secondary - Commerce with Computer Application**  
Kerala State Board | 2017–2019  
**Score:** 60.83%
- **SSLC - Kerala State Board**  
**Score:** 74%

## **INTERESTS**

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Football, Drawing

## **LANGUAGES KNOWN**

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- Malayalam - Read | Write | Speak
- English - Read | Write | Speak
- Hindi - Speak