

SOFI THOMAS

PYTHON FULL STACK DEVELOPER

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🌐 [LinkedIn](#)

🐙 [GitHub](#)

👤 [Personal Portfolio](#)

Profile Summary

Enthusiastic Python Full Stack Developer Trainee with 6 months of experience, transitioning from a core background to software development, and possessing a strong foundation in front-end technologies like HTML5, CSS3, JavaScript, jQuery, and Bootstrap 5. Proficient in back-end development with Python, and experienced with databases such as MySQL and SQLite3, as well as frameworks like Django, Flask, and basic Angular. Passionate about contributing to collaborative projects, committed to continuous learning, and adaptable to emerging technologies. Focused on delivering high-quality, client-centered solutions that meet industry standards.

Work Experience

Python Full Stack Developer Trainee | Quest Innovative Solutions

January 2024 - Present

HTML5, CSS3, JavaScript, jQuery, Bootstrap5, Python, MySQL, SQLite3, MongoDB, Django, Flask, Angular

- Web Development: Created websites using HTML5, CSS3, JavaScript, jQuery and Bootstrap5
- Back-End Databases: Built apps with Django and Flask, and worked with databases like SQLite and MySQL
- UI/UX Design: Designed easy-to-use interfaces with Tkinter and web tools

Skill Development Training

Pantech ProEd in Association with Centre for Continuing Education

August 2019 - November 2019

Internet of Things (IoT), Arduino, Raspberry Pi

- * Value added course on IoT With Arduino and Raspberry Pi
- * Learned the fundamentals of IoT technology and gained practical experience programming Arduino and Raspberry Pi

Technical Skills

UI Development: HTML5, CSS3, JavaScript, JQuery, Bootstrap5

Application Development and Server Side Programming: Core Python, OOPs, GUI Development, JYTHON, WebScraping

Unittesting

Database Development: RDBMS, MySQL(SQL), SQLite3(SQL), MongoDB(NoSQL)

Frameworks: Django, Flask, Angular

REST API-Django

SDLC, Agile and Scrum Methodologies

Version Control Systems: Git(with GitHub for repository hosting and collaboration)

Web Server, Web Hosting and Cloud Computing

Web Security and SEO

Education

APJ Abdul Kalam Technological University

August 2018 – July 2022

Bachelor of Technology in Electronics and Communication Engineering

Kerala

- I have completed core courses in Digital Electronics, Communication Systems, Signal Processing, and Control Systems, along with specialized topics like Embedded Systems, IoT, Robotics, and programming in C, C++ and Python.

Academic Projects

Major Project | Smart Dustbin Management System.

August 2021 - June 2022

- * Contributed to the Design and Implementation of the Smart Dustbin Management System
- * Collaborated with other team members , developed embedded C code for system operation
- * Combined hardware and software effectively to create an innovative solution for better garbage management

Minor Project | LED matrix clock with temperature display

August 2020 - December 2020

- * Contributed to the Development of the Simple Clock Using LED Matrix and DS3231 Module
- * Collaborated with other team members , developed Code for Arduino UNO to Enable Clock Functions

Personal Projects

Ecommerce Website 🔄

Django,HTML5,CSS3,JavaScript,Bootstrap5,SQLite3

- Built an online store with Django and Bootstrap, including login and shopping cart features
- Added live cart updates with JavaScript and improved design with Font Awesome icons.

School Management System 🔄

Django,HTML5,CSS3,JavaScript,Bootstrap5,SQLite3

- Created a system for admins to manage teacher and student accounts and announcements.
- Made a dashboard for students to see their own details and attendance, but not other's data or publish notices.

Employee Management System 🔄

Tkinter,Python,SQLite3

- Developed an Employee Management System using Python and Tkinter, with CRUD operations and dynamic interface..
- Integrated SQLite for data storage and retrieval, using Treeview for display and messageboxes for notifications.

Super Market Billing System 🔄

Tkinter,Python,MySQL

- Created a Tkinter interface for adding items, making purchases, and generating bills.
- Integrated MySQL to store item details, update stock during sales, and show real-time billing with error handling.

Hospital Website Design 🔄

HTML5,CSS3,JavaScript,jQuery,Bootstrap5

- Created a website that works on all devices with features like animations and popups.
- Added interactivity with jQuery, animations using AOS, and image popups with Magnific Popup.

Personal Portfolio 🔄

HTML5,CSS3,JavaScript

- Created a fully responsive portfolio website using HTML, CSS, and JavaScript
- Integrated ScrollReveal.js for animations and EmailJS for handling form submissions.

Volunteering Experience

IETE Student Forum | Vice Chairperson

August 2020 - August 2019

As Vice Chairperson of the IETE Students' Forum at Vidya Academy of Science and Technology, Thrissur, I collaborated with the Chairperson and fellow executives to plan and organize events, contributing to the overall enhancement and growth of the forum.

National Service Scheme | Volunteer

July 2016 - May 2022

Actively volunteered in various community service projects like surveys, cleanliness drives, and blood donation camps, contributing to society's betterment. As an NSS volunteer in school, I participated in several events that promoted community service. This experience helped me enhance my communication and teamwork skills.

Junior Red Cross | Volunteer

June 2011 -August 2014

As a Junior Red Cross volunteer in school, I understood the fundamental principles of the Red Cross,it enhanced my humanitarian spirit to serving others in times of need

Awards and Achievements

3rd Position in Women's Kho-Kho Tournament from APJ Abdul Kalam Technological University

Best Outgoing Student Award from Bharath Mata Primary School

School Topper in SSLC Examination

TCS NQT cognitive exam qualifier

Soft Skills

Leadership: Led the Sports Women's Team as House Captain, promoting teamwork and sportsmanship. Served as a class representative, coordinating activities and representing classmates.

Team Work: Organized events as Vice Chairperson of the IETE Student Forum. Participated in community service through NSS and Junior Red Cross.

Presentation Skill: Achieved the highest mark for presenting "LiFi Technology" in the final year seminar.

Adaptability: Transitioned from a core branch background to the software industry.

Languages

English

Malayalam

Tamil