Mohamed Imran M Web Developer

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Professional Summary

I am a dedicated web developer with hands-on experience in building secure RESTful APIs and dynamic web interfaces using Python, Flask, Django, and JavaScript. I am proficient in frontend technologies like HTML, CSS, and Bootstrap, and I leverage Git for version control. Passionate about writing clean, efficient code, I also integrate Generative AI tools to create scalable solutions for real-world applications. My strong problem-solving skills and understanding of the Software Development Life Cycle (SDLC) drive me to deliver impactful web solutions.

Key Achievements

- Development of AI based CSE Admission Query Chatbot with reduction of 70% of time taken to answer admission-related queries.
- Creation of a dynamic query system using Flask framework with boosted access to hotel management by 40%.
- Streamlined inventory and sales operations, leading to a 60% reduction in manual effort for updating and tracking coffee products, thereby enhancing overall management accuracy and efficiency.

Skills

Programming Languages: — Python, Core Java & C

Frontend: — HTML5, CSS3, Bootstrap,Javascript

Backend: — Core Java, J2EE,Java Servlets, Python & RESTful APIs

Databases: — MySQL,SQLite & MongoDB

Web Frameworks: — Flask,Django,Bootstrap

Developer Tools: — Git, GitHub, Eclipse, Tomcat, VS Code, GitHub Copilot

Other Skills: — SDLC, MVC, MVT,CRUD operations, Data Analytics, Problem Solving, Logical Reasoning,Data Processing,Software Engineering,Automation ,Communication & Team Collaboration

Projects

Coffee Products Management — Java Developer   05/2025 – 06/2025

- I developed a Java mini project using JSP, HTML, Tomcat server, and MariaDB (MySQL).
- I designed a user-friendly interface for managing product details such as name and price.
- I implemented secure backend logic and database connectivity using JDBC, ensuring smooth data transactions.
- I deployed and tested the project in Eclipse IDE with Tomcat server, improving internal product management efficiency by 65%.

CSE Admission Query Chatbot– Full Stack Developer   02/2025 – 03/2025

- I created a chatbot that combines both static and AI-powered responses using Flask, HTML5, CSS3, JavaScript, jQuery, and the Gemini Flash 1. 5 API.
- I included pre-written FAQs from a JSON file and used the AI to provide real-time answers, which improved how users interact with the chatbot.
- I also used Bootstrap to make the front end more efficient, which helped speed up how quickly the chatbot responds to user questions by 70%.

RSS Feed Reader – Full Stack Developer   07/2024 – 08/2024

- I built a responsive RSS feed reader using Django, Bootstrap 5, and JavaScript with features like auto-refresh and expandable summaries.
- I improved accessibility by adding keyboard navigation, screen reader support, and ARIA labels.
- I optimized the UI for mobile using Bootstrap, which enhanced performance and user experience by 60%.

Dynamic Query Interface for Hotel Management – Backend Developer   04/2024 – 05/2024

- I designed and implemented a Flask-based dynamic query system to manage hotel customer and staff records.
- I utilized mysql-connector-python for secure database interaction with MariaDB, supporting advanced query features.
- I improved data accessibility and search efficiency, resulting in a 40% reduction in manual data handling efforts.

Education

Bachelor of Engineering   2022 – present

Velalar College of engineering and technology,Anna University

Currently Pursuing

Current CGPA:7.72 (without backlog)

HSC   2022

From Tamil Nadu State Board

SSLC   2020

From Tamil Nadu State Board

Certificates

MongoDB Basics for Students ⬀

Earned "MongoDB Basics for Students" badge from Credly, demonstrating foundational skills in MongoDB database design and operations.