

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

- Developed an AI-powered CSE Admission Query Chatbot, reducing response time for admission-related inquiries by 70%.
- Built a dynamic query system using the Flask framework, increasing accessibility and operational efficiency in hotel management by 40%.
- Delivered a fully accessible, mobile-optimized RSS feed web app, resulting in a 60% boost in performance and user engagement.
- Streamlined inventory and sales operations, achieving a 60% reduction in manual effort for tracking and updating coffee products, enhancing overall 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
<ul style="list-style-type: none"> • 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
<ul style="list-style-type: none"> • 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
<ul style="list-style-type: none"> • 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
<i>Velalar College of engineering and technology,Anna University</i>	
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.	