MOHAN M

Python Developer | Front End Developer | Data Analyst

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CAREER OBJECTIVE

Full Stack Developer & Data Analyst with expertise in web development, databases, and business intelligence tools. Proficient in HTML, CSS, JavaScript, Python, SQL, and Power BI. Passionate about developing scalable applications, optimizing data pipelines, and delivering data-driven insights to enhance business decision-making. Seeking a role in software development or data analytics where I can contribute my technical and analytical skills to drive impactful solutions.

TECHNICAL SKILLS

Frontend : HTML5, CSS3, JavaScript (ES6+)
Backend : Python
Databases : MySQL, MS SQL
Data Analytics & Visualization : Power BI, SQL Queries, Excel, Data Cleaning
Tools & Technologies : Git & GitHub
Other Skills : DOM Manipulation, Asynchronous JavaScript, Web Performance Optimization

EDUCATION

Bachelor of Science in Computer Science (2021 - 2024)
SRM Institute of Science & Technology, Ramapuram | **CGPA:** 8.20/10

PROJECT EXPERIENCE

Personal Portfolio Website (Jan 2025)

Technologies Used: HTML, CSS, JavaScript
- Developed a fully responsive portfolio website, improving page speed by 35%.
- Implemented interactive UI components, increasing engagement time by 50%.
- Deployed using GitHub Pages, ensuring 99.9% uptime with CI/CD integration.

HR Analytics Dashboard (Dec 2024)

Technologies Used: Power BI, SQL, Excel
- Built an interactive HR analytics dashboard that reduced attrition analysis time by 40%.
- Optimized SQL queries, improving data retrieval speed by 30%.
- Created dynamic DAX formulas for advanced KPIs, trend analysis, and forecasting.

Virtual Mouse Using Hand Gestures (Jan 2024 - Apr 2024)

Technologies Used: Python, OpenCV, Mediapipe
- Developed a gesture-controlled virtual mouse using computer vision, improving accessibility.
- Achieved 95% gesture recognition accuracy, reducing false positives by 25%.
- Optimized hand-tracking models, reducing processing latency by 20%.

Automated Excel to Interactive Dashboard (Nov 2024 - Dec 2024)

Technologies Used: Python, Pandas, Plotly Express
- Developed an automated data pipeline to convert raw Excel data into interactive dashboards.
- Applied ETL techniques, filtering, and dynamic visuals to enhance reporting.
- Used Power Query and DAX to streamline analysis.

CERTIFICATION

Data Analytics Certification (In Progress)
Python – Coursera (2023)
Full Stack Development Bootcamp – Udemy (2023)

ADDITIONAL ACTIVITY

Hobbies : PC Building, Drawing, Exploring New Technologies
Extra-Curricular : Represented school & college in Kabaddi, Cricket, and Badminton, demonstrating teamwork and leadership

ADDITIONAL INFORMATION

Date of Birth: 02 April 2004.   **Languages Known:** Tamil, English   **Marital Status:** Single   **Alternate Number :** 9363434314