Md Atikujjaman

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PROFILE

I am a dedicated front-end developer skilled in crafting visually appealing, interactive websites using JavaScript, HTML, and CSS. Proficient in SQL and Python for database management, with a basic understanding of C# and C++. My primary interests are in software engineering, data visualisation, and data engineering, where I continuously seek to innovate and expand my expertise.

Projects

- **YouTube Comment Sentiment Analysis via Chrome Extension:** Developed a Chrome extension to analyse YouTube comment sentiment with Python for the backend and JavaScript for functionality. Utilised HTML, CSS, and d3.js for dynamic visualisation, categorising comments by sentiment. Provided real-time insights within YouTube's interface. **GitHub Link (Oct 2023 - May 2024)**

- **Flower Classification using CNN:** Implemented an image classification project using CNN architecture, leveraging TensorFlow Keras. Achieved high accuracy validation, detailed visualisations, and unique confidence level assessments. **GitHub Link (Nov 2023)**

- **AI-Powered Distance Navigation System:** Developed a Python-based Distance navigation system using Depth First Search, Breadth First Search, and A* algorithms for optimal pathfinding. Integrated voice recognition for user input and real-time feedback using pyttsx3. **GitHub Link (May 2023)**

- **Personal Portfolio:** Developed a personal website using HTML, CSS, and JavaScript to showcase my projects and skills. **GitHub Link (May 2023)**

- **Crud Application (Group Work):** Developed a CRUD application using Node.js, Express.js, and Pug templates, highlighting web development and database management skills. Enhanced scalability and deployment efficiency with Docker containerisation. **GitHub Link (Mar 2023 - Apr 2023)**

- **Autonomous Vacuum Cleaner:** Developed a Python-based vacuum cleaner simulation featuring a virtual environment and advanced user input validation through voice recognition technology. **GitHub Link (Feb 2023)**

SKILLS

- **Core Skills:** Python, Web development, Machine Learning, SQL, Excel, Power BI, and Tableau.

- **Intermediate**: JavaScript, C#, C++, Git.

WORK EXPERIENCE

Web Developer | Affinity Aviation Group Ltd | 2nd Floor, Berkeley Square House, Berkeley Square, London, W1J 6BD | May 2024 to Present

• Spearheaded website updates and enhancements using WordPress to ensure a fresh and engaging user experience. • Integrated graphics and logos to strengthen brand identity and created content reflecting company values and services.

Pharmacy Advisor | Boots Pharmacy | 21-23 St John´s Road, SW11 1QN, London | Nov 2021 to Present

• Dispensed prescriptions accurately. • Managed store and till systems for opening and closing. • Advised customers on medicine and Boots products. • Handled customer interactions, sales planning, and shelf stocking.

EDUCATION & QUALIFICATIONS

University of Roehampton - BSc Computer Science (3rd Year) | Sept 2021 – Jun 2024
•**Expected 1st class.**
•**Modules:** Data Science, Artificial Intelligence, Software Engineering, Data Visualisation, Cyber Security, Data Engineering.

Kingston University, London - International foundation year in computing Science, Engineering, and Computing | Feb 2021 – Jul 2021
•**Passed with an overall 70%**
•**Module:** Applied mathematics - pure mathematics - computing and foundation academic English skills.