Muneeb Rehman

Software Engineer

As a dynamic Software Engineer, I specialise in delivering robust and innovative solutions across various technologies, demonstrating a strong proficiency in both front-end and back-end development.

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📍 London, UK   🔗 mrehmm001.github.io/portfolio/

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EXPERIENCE

Software Engineer
Imagination Technologies

07/2022 - Present   *Kings Langley*

Achievements/Tasks

- Designed, developed, and maintained IDE tools using **TypeScript** and **VSCODE extension API**.
- Developed an automated testing framework using **WebdriverIO**, streamlining the manual testing process and achieving a 50% reduction in testing effort and time.
- Thrived in **Agile** environments, adapting to project workflows and boosting team efficiency.
- Resolved technical issues, enhancing project quality and outcomes.
- Engaged in **code reviews**, ensuring robust design and upholding quality standards.
- Collaborated closely with project managers and engineering teammates, ensuring effective **communication** and **teamwork.**

Software Engineer intern
Imagination Technologies

07/2021 - 09/2021   *Kings Langley*

Achievements/Tasks

- Specialised in building tools using **TypeScript** during a summer placement as a Software Engineer at Imagination Technologies.
- Developed a Signal Visualiser tool using **Chart.js**, designed for the effective visualisation of signal data, such as that transmitted from DSP processors.
- Showcased strong **problem-solving** skills by identifying and resolving technical challenges during the development process.

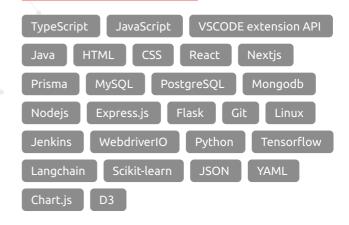### Teaching Assistant
CodeYourFuture

02/2021 - 06/2021   *London*

Achievements/Tasks

- Served as a Teaching Assistant at CodeYourFuture, a non-profit focused on aiding refugees and low-income individuals in tech careers, guiding students in **HTML**, **CSS**, and **JavaScript.**
- Leveraged my role to reinforce my own knowledge and skills, while assisting the lead teacher in conducting educational workshops.
- Volunteered in evaluating coursework and providing constructive feedback to students, contributing to their learning and development.

TECHNICAL SKILLS

TypeScript   JavaScript   VSCODE extension API

Java   HTML   CSS   React   Nextjs

Prisma   MySQL   PostgreSQL   Mongodb

Nodejs   Express.js   Flask   Git   Linux

Jenkins   WebdriverIO   Python   Tensorflow

Langchain   Scikit-learn   JSON   YAML

Chart.js   D3

SOFT SKILLS

Problem solving   Teamwork   Adaptability

Time management   Communication

PERSONAL PROJECTS

Dhania (05/2023 - Present)

- Initiated Dhania in 2023, an ongoing project focusing on a Retrieval Augmented Generation (RAG) AI model.
- Enhances conversational interactions with contextually relevant responses derived from input data.
- Utilises advanced technologies such as **Next.js**, **Prisma**, and **Langchain.**

Agile Saver (09/2021 - 05/2022)

- Designed, prototyped, and developed AgileSaver, a second-year project, in collaboration with a team of six.
- Created a personal budgeting Android app with machine learning capabilities.
- Utilised **Java (Android Studio)**, **PostgresSQL**, and **Node.js** for development, integrating expense tracking, spending pattern analysis, and personalised savings recommendations.

EDUCATION

BSc Computer Science
Goldsmiths, University of London

09/2019 - 07/2022   *London*

Relevant Modules:

- Front end - Discrete maths - Back end - Intro to programming - Algorithms & Data-structures - Java programming - Software Engineering - AI - Neural Networks - Data Mining