Maria Manzoor

MSC SOFTWARE ENGINEERING · FIRST CLASS HONOURS · STEM · AI RESEARCH · FULL-STACK DEVELOPER

mariamanzoordc@gmail.com · +44 7840 663791 · linkedin.com/in/maria-m-582030331

PROFESSIONAL SUMMARY

Frontend-first Software Engineer and Full-Stack Web Developer with a **First Class Honours MSc in Software Engineering (STEM)** from De Montfort University and an **IEEE-published research paper** in AI-driven automated code generation — presented at an international conference in Málaga, Spain. A level of technical credibility that sets every project apart.

Currently building high-performance, responsive web interfaces at **Cloudspart** for AI, Data, and Cloud enterprise solutions. Previously delivered end-to-end website development, chatbot automation, and backend systems at **upgradeVIP** — producing measurable improvements in operational efficiency, data accuracy, and user experience. Also independently built and maintains a fully functional **e-commerce platform** for a live retail brand.

Skilled across the full development stack — **HTML, CSS, JavaScript, React.js, PHP, SQL, WordPress** — with hands-on experience in AI model evaluation, workflow automation, database management, and SEO-driven web development. Delivers clean, reliable, and business-focused solutions on time, every time.

EDUCATION

MSc Software Engineering
First Class Honours (STEM) — 2024 – 2025

- De Montfort University, Leicester, UK

★ **Best Research Project Award · Published & Presented at GCWOT 2026, Universidad de Málaga, Spain**

Bachelor of Science in Information Technology
2016 – 2020

- University of Gujrat, Pakistan

KEY SKILLS

HTML · CSS · JavaScript	React.js	PHP
SQL & Database Management	AI & Software Testing	E-Commerce & Digital Marketing
Data Analysis & Problem Solving	WordPress & Website Management	Project & System Administration
Cross-Cultural Communication	Teamwork & Leadership	Research & Academic Writing

PUBLICATIONS & RESEARCH

📄 PUBLISHED ON IEEE XPLORE · PRESENTED AT GCWOT 2026

Benchmarking AI Models for Automated Code Generation and Testing using HumanEval

- Global Conference on Wireless & Optical Technologies
- Universidad de Málaga, Spain
- 11 – 13 February 2026
- De Montfort University

This research evaluates and benchmarks leading AI models for their effectiveness in automated code generation and software testing, using the HumanEval dataset. The study examines correctness, maintainability, and reliability of AI-generated code — contributing to the growing body of knowledge on intelligent software systems and the future of software engineering. Published and presented at an international conference to researchers and professionals from around the world.

- **Published on IEEE Xplore · ieeexplore.ieee.org/document/11499481**

PROFESSIONAL EXPERIENCE

Senior Frontend Developer
Cloudspart · Full-time
Feb 2026 – May 2026

- Built responsive, high-performance, and visually engaging web interfaces translating Cloudspart's AI, Data, and Cloud vision into seamless digital experiences.
- Developed modern front-end solutions emphasising speed, usability, and intuitive design — supporting Custom AI Solutions, Data-Driven Strategies, Scalable Cloud Infrastructure, and Enterprise-Level Cloud Security.
- Designed and optimised UI components ensuring cross-browser compatibility, accessibility, and performance across all devices.
- Contributed to end-to-end product development bridging complex technical capabilities with clean, engaging user experiences.
- Collaborated closely with the team on impactful projects in a dynamic, innovation-driven environment, continuously growing technical expertise.

Software Engineer Intern
upgradeVIP · Internship · On-site
Jan 2026 – Mar 2026

- Led improvements to website functionality and design using WordPress, creating a modern, responsive, user-friendly interface aligned with current industry standards.
- Designed, tested, and optimised a chatbot system to support booking automation — delivered thorough end-to-end testing ensuring production-level reliability.
- Streamlined supplier onboarding by implementing automated PDF data extraction pipelines integrated into the internal dashboard, significantly reducing manual effort.
- Maintained and updated global supplier databases including real-time pricing validation across international airport VIP service providers.
- Collaborated with database systems to improve data integrity, optimise workflows, and enhance overall system performance.
- Supported daily booking operations via backend systems and contributed to system administration in a fast-paced, on-site environment.

Web Developer
Aaminah's Selections · Full-time
May 2025 – Present

- Designed and developed a fully responsive e-commerce website for a hair and skincare brand, ensuring seamless performance across desktop and mobile devices.
- Implemented product listing pages, shopping cart functionality, and secure payment integration to support a smooth and efficient user journey.
- Created a clean, modern UI/UX improving navigation, customer engagement, and the purchasing process.
- Optimised website performance and continuously added features based on user behaviour analysis and customer feedback to improve usability and conversion.

Graduate Teaching Assistant
University of Gujrat · Pakistan
2022 – 2024

- Assisted students with programming coursework, debugging, and troubleshooting across multiple software development modules.
- Conducted tutorial sessions and facilitated hands-on lab exercises; provided constructive feedback guiding best coding practices.
- Supported lecturers in preparing course materials and assessments covering software development methodologies and algorithms.

E-Commerce Specialist
The Commerce People · Full-time
2021 – 2022

- Managed product listings and optimised online store performance across multiple platforms.
- Implemented digital marketing strategies including SEO, email campaigns, and social media outreach; analysed sales data to improve conversion rates.
- Coordinated with supply chain teams and provided customer support to maintain high satisfaction scores.

VOLUNTEERING EXPERIENCE

Committed to giving back through education, cultural engagement, and community inclusion.

Library Volunteer

West Bridgford Library, Nottingham

Dec 2025 – Jan 2026

- Supported visitors by providing guidance and assistance throughout the library.
- Organised and managed books and resources to maintain an accessible, welcoming environment.
- Assisted with daily operational tasks to ensure smooth library functioning and strengthen community involvement.

ESOL & English Culture Hub Volunteer

Inspire: Culture, Learning and Libraries · West Bridgford Library

Dec 2025

- Supported ESOL learners by assisting with English language practice and communication activities.
- Engaged with individuals from diverse cultural backgrounds in a welcoming and inclusive environment.
- Contributed to community integration by encouraging language development and cultural exchange.
- Strengthened interpersonal and cross-cultural communication skills while supporting others in their learning journey.

Ramadan Volunteer — Sisters Ramadan 2025

De Montfort University, Leicester

Mar 2025

- Recognised as one of the 2025 Sisters Ramadan Volunteers and awarded a Certificate of Appreciation.
- Supported community iftar arrangements and assisted in organising activities within the DMU Prayer Room.
- Contributed to creating a welcoming, inclusive environment fostering unity, kindness, and community engagement.
- Strengthened teamwork, organisational, and community leadership skills while supporting student wellbeing initiatives.