

ZAINA MERAJ

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EXPERIENCE

Junior Software Developer (Part-time) - Mash Techsol - Remote Jan 2025 – Present

- Optimised site performance using code splitting, lazy loading, and AWS CloudFront — reducing load time from 4.2s to 1.1s.
- Built responsive web features in HTML, CSS, and JavaScript ensuring cross-browser compatibility and mobile-first UX.
- Collaborated with cross-functional teams to translate requirements into shipped features aligned with business goals.
- **Tech:** React, HTML/CSS, JavaScript, AWS CloudFront, Git

Software Development Intern - MAES Power and Energy - Dammam, Saudi Arabia Jul – Sep 2025

- Participated across the full SDLC of a customised Energy Management System from requirements to iterative delivery.
- Debugged and refactored backend modules, improving reliability; delivered improvements using Agile principles.
- **Tech:** Python, SQL, Agile/Scrum, Git

Encode Hackathon 2024 - Shoreditch Exchange - London, UK Oct 2024

- Designed and delivered 2 blockchain-based projects in 48 hours, competing against 100+ participants independently.
- **Tech:** Blockchain, Solidity, Web3

EDUCATION

BSc Computer Science - City, University of London Expected May 2027

- Relevant Modules: Data Structures, Algorithms, Databases, Operating Systems, Computer Networks, Language Processors, Programming in Java, Programming in C++, Systems Architecture, Mathematics for Programming

CERTIFICATIONS

Python for Data Science: Introduction — University of Oxford Dec 2025

- Oxford continuing education: Python scripting, data cleaning, and visualisation with NumPy, Pandas, and Matplotlib.

McKinsey.org Forward Program — McKinsey & Company Oct – Dec 2025

- 50+ hours of self-paced learning in strategic thinking, problem-solving, and digital skills.

AWS Academy Cloud Foundations — AWS Trained (CCP Mock Exam, 85+) — City, University of London Jun 2025

- Scored 85+ on the CCP mock exam; awarded Most Engaged Summer Student among 50+ participants.

TECHNICAL SKILLS

Languages: Java, Python, SQL, JavaScript, HTML/CSS

Frameworks & Tools: React, Git, AWS, MySQL, Bootstrap

Competencies: Software Development, Data Analysis, Cloud Computing, Web Development, Problem Solving

PROJECTS

IN2033 Team Project — Java Client Application Jan – May 2026

- Led a team of 7 as Project Manager across the full SDLC — coordinating sprints, managing risk, and driving two deliverable submissions.
- Designed and implemented core Java features as lead programmer alongside managing team coordination.
- **Tech:** Java, OOP, Agile/Scrum, Git

Uber NCR Ride Booking Dashboard 2025

- Cleaned 150,000 ride bookings and built a multi-page flexdashboard with 12 visualisations (heatmaps, revenue trends, cancellations).
- **Tech:** R, ggplot2, flexdashboard, dplyr

zainameraj.com Sep 2025

- Responsive personal portfolio built from scratch with smooth scrolling, Flexbox layout, and mobile-first optimisation.
- **Tech:** HTML, CSS, JavaScript, Bootstrap

2D Java Game Dec 2024 – Apr 2025

- Tile-based 2D platformer using OOP and CityEngine Physics; earned 85% final grade.
- **Tech:** Java, OOP, CityEngine Physics