

Salman Hussain

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Whitechapel, London

EDUCATION

Queen Mary University Of London

Computer Science Bsc (Hons) Predicted 1st Class

Stepney All Saints Sixth Form

A-Level

Computer Science A, Physics A, Maths A, EPQ A (AS)

London, United Kingdom

Sept. 2024 – Jun 2027

London, United Kingdom

Sept. 2022 – Jul 2024

EXPERIENCE

Design Intern

Princypal

Nov. 2025 – Jan. 2026

Remote, London

- **Frontend Design & Prototyping:** Built interactive, responsive web pages using Framer, applying component-based structure, layout systems, and responsive behaviour.
- **Product Thinking:** Interpreted client briefs, translated requirements into structured features, and iterated designs based on usability, clarity, and technical feasibility.
- **Stakeholder Collaboration:** Conducted weekly check-ins and feedback iterations, achieving a 95% acceptance rate on submitted designs and ensuring on-time delivery across all tasks.

EECS Technical Lab Demonstrator

Queen Mary University Of London

Oct. 2025 – Present

Mile End, Tower Hamlets

- **Academic Support & Technical Guidance:** Supported the delivery of taught module content for the Computer Science department and provided real-time technical support to 200+ first-year Computer Science students, reinforcing programming concepts, system design, and problem-solving approaches.
- **Assessment & Marking:** Assessed and marked 48+ students using structured academic rubrics, delivering clear, actionable feedback to improve technical clarity and analytical thinking.

Microsoft I Accelerator Programme

Microsoft UK

Jul. 2025

London, United Kingdom

- **Agile-Inspired Development:** Led a 5-person team to design SparkHive, a Microsoft 365 Copilot-powered admin assistant, applying Agile principles such as iterative design, weekly check-ins, and feedback loops.
- **Prototyping & Designing:** Designed and implemented a working prototype design using Figma and Prezi, optimising for both functionality and user experience.
- **Analytical Problem-Solving & Stakeholder Communication:** Defined project requirements through stakeholder questioning, resolving ambiguity, and improving team efficiency by 30%.
- **Technical Delivery & Leadership:** Delivered a working prototype and pitch to 30+ stakeholders, winning programme and later the MVP award.

Web Development Intern (HAF Programme Page)

The Akshaya Patra Foundation

May. 2025 – Jul. 2025

Remote, London

- **Full-Stack Development:** Designed and deployed a 12-section responsive landing page using WordPress, PHP, and HTML/CSS.
- **Stakeholder Management:** Conducted requirement-gathering sessions, aligning UI/UX design with business goals and scalability.

PROJECTS

NHS Waiting List Database System | *SQL, ER Modelling, Relational Design*

Nov. 2025

- **Database Design & Normalisation:** Designed a fully normalised relational database with multiple interrelated entities. Ensuring data integrity, consistency, and maintainability.
- **Systems Thinking & Data Reliability:** Implemented primary/foreign key constraints and 15+ complex SQL queries to analyse waiting times and patient flow across regions, supporting scalable, correctness-focused data retrieval.

Portfolio Website | *HTML, CSS, JavaScript, PHP, MySQL*

Apr. 2025

- **Full-Stack Web Development:** Built a portfolio site with HTML, CSS, JavaScript, PHP, MySQL.
- **Front-End Development:** Implemented responsive design with dynamic blog features and user authentication.

TECHNICAL SKILLS / ACHIEVEMENTS

Programming Languages: Python, Java, JavaScript, SQL, HTML/CSS, React.js.

Other: Best Submission Award 2024/25 and Board Of Directors @ QM Machine Learning Society 2025/2026