

Amal Mullan

Graduate Full-Stack Developer

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Professional Summary

Motivated and detail-oriented Computer Science Graduate with First-Class Honours and over 5 years of experience in educational and collaborative settings. Proficient in various programming languages such as Java, JavaScript, React, Spring Boot, HTML, CSS and database management, with a strong foundation in developing user-centric applications and managing full-stack projects. Adept at problem-solving, teamwork and delivering polished technical solutions. Passionate about educational technology, game development and creative problem-solving.

Education

December 2024-Present IT Career Switch Coding Traineeship (Web Development Course)

Self-funded private course that grants knowledge in Web Development.

Sept 2020 – July 2024 BSc (Hons) Computer Science, Brunel University London (First Class)

Sept 2018 – June 2020 A Levels: Music Technology (B), Media Studies (C); BTEC: IT (Merit)

Sept 2013 – June 2018 10 GCSEs (A-C (7-5) grades) including Maths (C) and IT (A), Nower Hill High School

Key Skills

Technical Skills

- **Programming Languages:** Java, C#
- **Frameworks:** React, Spring Boot, Unity
- **Web Development:** HTML, CSS, JavaScript
- **Database Management:** MYSQL, SQLite
- **Tools:** Visual Studio Code, Postman, Microsoft Office Suite (Word, Excel, PowerPoint, Publisher)

Soft Skills

Leadership, Communication, Problem-Solving, Organization, Team-Management, Active Listening, Report Writing, Project Management

Technical Projects

IT Career Switch Coding Traineeship Projects

- Currently completing a comprehensive full-stack traineeship mastering front-end and back-end web development with HTML, CSS, JavaScript, Python, SQL, React, PHP, Bootstrap and jQuery.
- Developing two practical real-world projects demonstrating proficiency in full-stack development.
- Creating a professional portfolio website to showcase completed projects, technical skills and GitHub contributions.

Jovian Website Free Code Camp Course

- Constructed a mock website for Jovian, applying advanced HTML5 and CSS3 techniques to build a modern responsive user interface.
- Implemented structured layouts, interactive forms and smooth animations, showcasing a strong foundation in core web development principles.

React/Spring Boot (Java) Website Project

- Orchestrated a team of 5 students to architect and deploy a health tracker and information site for Brunel University students, addressing the lack of centralized health information.
- Engineered a responsive front-end with React and a robust back end with Spring Boot and MySQL, enabling efficient data management and a seamless user experience.
- Managed project deadlines and code integration using Git, ensuring the project was delivered on schedule.

Website Development Project

- Architecture and developed a full-stack prototype airport website using Java, Spring and JSP, significantly improving the user experience of flight information access.

- Led the design and testing phases, ensuring the website's functionality and performance were optimized for a seamless user journey.

Final Year Project: Educational Video Game

- Engineered an interactive educational game to teach key concepts of Computer Science to students, utilizing C# for scripting and Unity for game development.
 - Designed and implemented a scalable MySQL database to handle user accounts, track processes and store lesson data, improving user retention and personalized learning.
 - Managed the entire development cycle following the waterfall methodology, resulting in a high-quality final product and a project report that exceeded expectations.
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Work Experience

October 2025 – February 2026 IT Department, Lufthansa Technik Landing Gear Services UK

- Assistance to the Head of IT and overall support to the IT Department with involvement in technical projects:
 - Collating problems/issues from other departments heads (transition to Connect Client) and attending meetings with other leaders
 - Experience using RICO for risk assessment analysis
 - Coding within WordPress to fix and improve IT SharePoint Website
 - Construction of a new Finance Department intranet
 - Presentation of work on websites to other members of IT Team and Finance department
 - Technical Support to departments across the company: working with the SAP IT Expert and databases with back-end support
 - Worked on own assigned projects: toner and printer updates

July 2024 – 1 week Student Ambassador, Brunel University

- Inspired girls to pursue Computer Science degrees during a summer school program, fostering interest through hands-on coding projects (e.g., traffic light simulation, AI for agriculture) .
- Provided IT tech support, troubleshooting systems, and guiding students on web navigation and coding platforms.
 - Delivered admin support, setting up materials and ensuring smooth program operations.

July 2021 – 2 weeks Classroom Teaching Assistant, Pinner Park Primary School

- Assisted Year 5 Students in developing typing and basic IT skills, enhancing their digital literacy.
- Supported Classroom Organization and helped students complete academic tasks effectively.

July 2019 – 2 weeks Classroom Teaching Assistant, Nower Hill High School

- Guided IT students in learning foundational computing skills and navigating essential programs, improving their technical confidence.
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Interests

Technology

- Passionate about game and web development, demonstrated through a final year project in educational game design and hands-on website development projects.
- Skilled in Microsoft Office Suite for creating professional reports, presentations and databases, showcasing analytical and organizational abilities.

Languages/Travelling

- Intermediate proficiency in Urdu/Hindi, on and off studying Japanese (Duolingo) and French, demonstrating cultural adaptability and multilingual communication skills.
- Avid traveller with experiences in the USA, Pakistan, Dubai and France, fostering a global perspective.

Story writing

- Engaged in creative storytelling with personal projects like The Emblem Engage and The Emblem Legacy, showcasing skills in narrative design and character development.

Video Games

- Competitive gamer and former Brunel University E-Sports Society member; represented the university in Super Smash Bros. Ultimate at the National Student E-Sports (NSE) for two years.
- Organized gaming events, advocated for gender diversity and developed teamwork, leadership and strategic thinking skills.