MUHAMMAD ABDULLAH
Software Engineer

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Personal Profile

A results-driven Software Engineer with a First-Class BSc (Hons) in Software Engineering and over two years' commercial experience delivering full-stack solutions across web, mobile, and cloud platforms. Confident working with C#, .NET, Java, JavaScript, SQL, and modern frameworks to build scalable, user-focused applications, with a strong grounding in software design, testing, and CI/CD practices. Experienced in collaborating in agile, cross-functional teams, translating requirements into robust, maintainable code, and resolving complex technical issues. Now seeking a software engineering role where I can contribute quickly, keep learning, and add value across the full software development lifecycle.

Technical Skills

- **Languages:** C#, Java, JavaScript (ES6+), SQL, Python, HTML5, CSS3 (plus academic exposure to Prolog, Haskell, C++, Go, Rust, MIPS Assembly).
- **Frameworks & Libraries:** .NET (Blazor, MAUI), Node.js, Express.js, React, Vue.js, Next.js, Tailwind CSS, Three.js, Angular.js.
- **Tools & Platforms:** Git/GitHub, Azure DevOps, Jira, MySQL, SQLite, Tomcat, Postman, Visual Studio/VS Code, Photoshop, Ubuntu.
- **Other Skills:** Software Design & Architecture, UML, Testing (JUnit, NUnit, Unit, Integration, System), CI/CD pipelines, DevOps automation, UX design, Database integration, Project management.

Projects

- **AfaaqX (2025):** Developing a full-stack web application using Next.js, Node.js, Express, and MongoDB Atlas.
- **NutriTimer (2025):** Developing a cross-platform mobile app in .NET MAUI with hydration tracking, meal reminders, text-to-speech, and SQLite data storage.
- **Contacts Web App – Cloud Deployment on AWS (2024):** Developed a Java Contacts Web App using AWS EC2, Tomcat, MySQL, and AWS Lambda.
- **AI-Powered Recipe Search Platform (2023):** Developed a recipe-based web application using JavaScript, Node.js, Express, and SQLite.
- **ArticleServer — Full-Stack Blogging Platform (2023):** Developed a blog platform using Node.js, Express, Vue.js, and SQLite with RESTful API integration and front-end user management.
- **Vevox – Real-Time Chat Web Application (2022):** Developed a web-based Vevox application using HTML, CSS, JavaScript, PHP, and MySQL with multi-channel and data saving capabilities.

Education

BSc (Hons) Software Engineering - Manchester Metropolitan University, Manchester, UK (Sep 2021 - Current)

- **Grade:** First Class Honours
- **Key Modules:** Thematic Project (87%) – built a recipe-based web application using JavaScript, Node.js, Express, and SQLite. Full Stack Web Development (85%) – built an application using JavaScript, Node.js, Express.js, Vue.js, SQLite, and RESTful APIs.
- **Awards:** BCS Educational Affiliate; Chartered Institute of Information Security; CompTIA; Institute of Coding; BCS Accredited Degree.

Bolton College – Bolton, UK (Sep 2017 - Jun 2021)

- **BTEC Level 3 Extended Diploma in IT (QCF)** - **Grade:** Distinction, Distinction, Distinction
- **GCSEs**, Math and English - **Grade:** 4

Experience

Security officer/CCTV Operator – Constant, Manchester, UK (Apr 2025 - Current)

- Experienced Security Officer skilled in patrols, access control, CCTV monitoring, and incident response.
- Proficient in risk assessment, threat identification, and detailed incident reporting.
- Reliable team player dedicated to enforcing security protocols and ensuring smooth operations.

Software Engineer - Unisys, Manchester, UK (Apr 2023 - Jul 2024)

- Managed cross-team communication and project updates using Jira and Azure DevOps.
- Improved system efficiency by 20% by developing and deploying full-stack solutions in C#, .NET (Blazor), and SQL.
- Reduced production issues by 30% through technical support and troubleshooting.

Software Engineer - Manchester Metropolitan University, Manchester, UK (Jun 2022 - Sep 2022)

- Collaborated with multidisciplinary teams to gather requirements and design features.
- Implemented front-end and back-end functionalities, reducing development time by 15%.
- Tested and optimised performance, fixing 50+ bugs to boost load speed by 25%.

Interpersonal Skills

- Problem-Solving
- Communication
- Teamwork and Collaboration
- Time Management and Prioritisation
- Attention to Details
- Leadership
- Creativity and Innovation
- Adaptability and Flexibility

Languages

- English
- Urdu
- Punjabi
- Italian