

Jamal Ahmed

Junior Software Developer | .NET / C# / Full Stack

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Profile

Junior .NET developer with commercial full-stack experience in C# and VB.NET. Currently at DMS Navigator delivering client projects in an Agile environment. Independently building two software products — a multi-tenant SaaS invoicing platform and an AI-powered RAG document chat app. BEng (Hons) Software Engineering graduate from Sheffield Hallam University.

Personal Projects

Xisaab — SaaS Invoicing Platform | Independent | 2025 – Present

- Multi-tenant invoicing and debtor management platform targeting SMBs in Somaliland
- Backend: ASP.NET Core Web API (.NET 10), Clean Architecture, EF Core, PostgreSQL, JWT auth with per-business data scoping
- Frontend: React 19, TypeScript, Vite, Tailwind CSS v4, shadcn/ui — invoice lifecycle, payment tracking, overdue detection, dashboard
- Deployment target: Azure App Service, Azure Static Web Apps, Azure Database for PostgreSQL, GitHub Actions CI/CD

AskMyPDF — RAG Document Chat App | Independent | 2025 – Present

- RAG application — users upload PDFs and receive AI answers drawn from uploaded document content only
- Frontend: Blazor WebAssembly (.NET 8), MudBlazor, mobile-responsive with drag-and-drop PDF upload
- Backend: FastAPI (Python) in Docker; ChromaDB vector store; SentenceTransformers for embeddings; Ollama/Mistral as local LLM
- JWT auth, CIDR-based IP whitelisting, full PDF ingestion pipeline, pytest test suite

Experience

Junior Software Developer | DMS Navigator, Sheffield | Jul 2024 – Present

- Full-stack developer working across client projects using C#, VB.NET, .NET Core, Pick BASIC, DevExpress, and Curl
- Handled bug fixes, feature enhancements, and client requirement gathering across multiple simultaneous projects
- Used Azure DevOps Services for source control, sprint planning, and CI/CD pipeline management
- Delivered solutions in Agile sprints, collaborating directly with clients to iterate on requirements and feedback

Volunteer | Unity Gym, Sheffield | Nov 2022 – May 2024

- Volunteered at a local gym supporting front-of-house operations and assisting gym members

Outdoor Recreation Leader | Outward Bound Trust & The North Face | Summer 2021 – End of 2022

- Completed a year and a half sponsored outdoor leadership programme, gaining hands-on experience across the Lake District, Peak District, Welsh canals, and a residential placement in Aberdyfi, Wales
- Activities included outdoor climbing, hiking, canoeing, camping, and team-building — both as a participant and as a leader working with young people
- Gained Climbing Wall Instructor and Mountain Bike Instructor qualifications during the programme
- Completed Duke of Edinburgh Gold Award alongside programme peers (Summer 2023)

Government Helpline Advisor | Ant Marketing, Sheffield | Jun 2022 – Oct 2022

- Handled inbound calls and emails advising members of the public on behalf of a government department

Education

BEng (Hons) Software Engineering — 2:2 | Sheffield Hallam University | Sep 2021 – Aug 2024

- Modules: C# Programming, Intermediate C#, Software Architecture & Design, Database & System Modelling, Web Development, Networked Software Development (Java), Management of IT Projects, Game Development (Unity), Robotics
- Dissertation: Designed and built "Pursuit", a 2D procedural dungeon crawler in Unity using a random walk algorithm — evaluated through structured player testing and questionnaires, achieving 76% overall satisfaction

A Levels & GCSEs | King Edward VII 6th Form, Sheffield | Sep 2019 – Aug 2021

- BTec Engineering: Merit (A Level equivalent) | A Level Mathematics: C | A Level Computer Science: C
- 10 GCSEs grades A–C including Mathematics (A) and English Language

Skills

Languages: C#, VB.NET, TypeScript, JavaScript, Python, SQL, Java

Frameworks: ASP.NET Core, .NET 10, EF Core, Blazor, FastAPI, React, Tailwind CSS, MudBlazor

Tools: Azure DevOps, Git, PostgreSQL, Docker, ChromaDB, Azure (App Service, Static Web Apps), Vite

Practices: Clean Architecture, REST API design, RAG/LLM pipelines, JWT auth, multi-tenancy, Agile / Scrum

References

Available on request.