Savero Hakimzada

Mobile Number: 07399469659 | Email: s_hakimzada@hotmail.com | Github: sav-afg

Middlesbrough, North Yorkshire

Profile

I am a highly motivated A-level Computer Science student predicted three A* grades, with a strong focus on software development and real-world project work. I regularly build full-stack applications and tooling outside of my studies, with particular interest in backend logic, system design, and practical problem-solving.

I am seeking part-time voluntary experience within a software development team, with increased availability during holidays, to gain hands-on exposure to professional development practices and collaborative engineering environments.

Technical Skills

- **Languages:** C#, HTML, CSS, Typescript
- **Databases:** SQL Server, (*Entity Framework Core*)
- **Frameworks:** Blazor, ASP.NET Core Web API
- **Testing:** Unit Testing (*xUnit*), Service-layer testing with in-memory databases
- **Tools:** Visual studio/Visual studio code, GitHub, Scalar

Projects

Fitness Saviour, October 2025 – January 2026 (Can be viewed on my Github.)

- Designed and developed a full-stack fitness and nutrition web application using C#, ASP.NET Core Blazor, Entity Framework Core, and SQL Server.
- Implemented a questionnaire-driven scoring system to generate personalised diet and exercise recommendations based on user input.
- Designed and normalised the relational database schema and integrated it using EF Core for persistent progress tracking.
- Built a component-based Blazor UI with dynamic state updates and interactive data visualisations to display user progress over time.
- Owned the project end-to-end, including requirements analysis, system design, implementation, testing, and full technical documentation.

Service Booking Platform, January 2026 – Present (Can be viewed on my Github.)

- Designed a secure dual-token authentication system using JWT access tokens and rotating refresh tokens, including token revocation and logout support.
- Implemented claims-based authorisation to enforce user ownership and role-specific access (Customer, Staff, Admin).
- Developed 80 unit tests covering authentication, booking rules, refresh token rotation, and authorization logic
- Built booking conflict detection logic to prevent overlapping reservations using time-range validation.
- Structured the API using Controller–Service–DTO separation, enforcing clean architecture and testability.

Discord Moderation and Interaction Bot, January 2026 (Can be viewed on my Github.)

- Built a real-time Discord bot using C#14 and .NET 10 with the Discord.Net API
- Implemented modern slash commands for structured user interaction
- Developed context-aware message handling based on user input and intent
- Designed and implemented automated raid detection by monitoring user join patterns
- Generated detailed moderation alerts to assist server administrators
- Applied event-driven programming principles and secure configuration practices

Voluntary Experience

Student Volunteer, Middlesbrough, North Yorkshire
Brick Festival, April 2025

- **Teamwork:** Successfully collaborated with other volunteers to serve customers and meet their needs.
- **Training and Development:** Taught skills on the day and implemented them to a high standard.
- **Leadership:** Appointed team leader in a group. Assigned roles and responsibilities to appropriate members to ensure tasks were completed on time.

Education

Physics, Maths, Computer Science (ongoing)
Bede Sixth Form College Billingham, TS23 3HB

GCSE grade average: 7.6
Acklam Grange Middlesbrough TS5 8PB

Awards

- Foundational Certificate in C#, Microsoft Learn
- Silver Certificate in UKMT 2024 and UKMT 2025
- Bronze Certificate in the British Physics Olympiad and British Astrophysics Olympiad 2025.