Aqib Shihan

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About Me

Aspiring Computer Science graduate skilled in full-stack development, machine learning, and cloud technologies through academic and personal projects. Eligible to work in the UK without sponsorship.

Education

Northumbria University   Newcastle, UK
Bachelor of Computer Science   September 2022 – May 2025
Predicted result: First class

Relevant courses:
Machine Learning, Cloud Computing, Computer Network Security, Software Engineering, Web Programming.

Relevant projects:
AI Household Appliance Scheduler: Developed a Python/ML model to predict day-ahead electricity price and schedule appliances through a web interface built using Laravel/PHP, reducing simulated costs by 22%.
Treasure Hunter Game (Java): Implemented A* pathfinding algorithm, achieving 95% efficient route generation.
Couples Chore-Sharing App: Built a .NET/C#/SQLite solution with real-time task synchronization and scheduling.

Experience

NothernEnterprises   Remote
Web Developer   March 2024 – April 2024

- Delivered a client website using Svelte.js.
- Showcased creativity and technical skills by translating client ideas into interactive web designs that align with their business.
- Increased customer call-ins by 30%
- Can be viewed here: www.nothernenterprises.com

Mark and Spencer   Newcastle, UK
Customer Assistant   May 2023 – July 2024

- Developed teamwork and communication skills by collaborating with colleagues
- Assisted customers to create a seamless in-store experience

Projects

Reportr – *github.com/Aqib-005/Reportr-BugTracker*

- Developed a .NET MVC application with C#, JavaScript, and MySQL for streamlined bug reporting
- Integrated 0Auth and RESTful APIs to enable secure ticket submission and tracking

Retail-Sales Data Pipeline – *github.com/Aqib-005/Retail-data-Pipeline*

- Built an end-to-end ETL pipeline using Python and Google Cloud Storage, processing 10,000+ sales records
- Performed data quality checks with Soda Core and transformations using dbt, ensuring 99% data integrity
- Created interactive dashboards to visualize trends like top-selling products and regional revenue

Artic Tern – *github.com/Aqib-005/Arctic-Tern*

- Engineered an endless runner game in Unity/C# with procedural obstacle generation and dynamic difficulty scaling

Chirper – *github.com/Aqib-005/Chirper*

- Developed a Laravel/PHP social media platform (Twitter clone) with real-time post updates and email notifications

For more information and other projects visit: github.com/Aqib-005

Skills

Languages: Java, JavaScript, C#
Technologies: React.js, .NET, SQL
Developer Tools: GitHub, AWS, Linux

Certifications

Foundational C# developer certification – Microsoft September 16, 2023.