

# Batuhan Ali Ozturk

London | [LinkedIn](#) | [GitHub](#) | batuhanaliozturk@gmail.com

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## Computer Science Student at Queen Mary University of London

Computer Science undergraduate with hands-on experience in **software development**, **database administration** and **windows** server environments. Strong foundation in **Object Oriented Programming**, **Full Stack application development** and **version control**, alongside practical knowledge of **Networking** and **Active Directory**. Proficient in languages such as **C#**, **SQL**, **PowerShell**, **Java**, **Python** and **JavaScript** with experience in developing responsive, functional and user-friendly applications across mobile, web and desktop platforms. Strong **communicator** and problem solver with a track record of successful collaborative project work, including **Microsoft Hackathon-winning** projects focused on **accessibility** and user-centric design.

### EDUCATION

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#### Queen Mary University of London

Computer science

September 2023 – July 2026

- Provisional Grade: **4.0 / First with Honours**

#### AWS Solutions Architect Associate

Certificate

September 2025 – Present

- In progress / TBC

#### Woodhouse College

A-levels

September 2021 – July 2023

- Mathematics, Biology, Physics **A\***, **A\***, **A\***

### WORK EXPERIENCE

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#### [Onur Prestige Motors Ltd](#)

Fullstack Developer

October 2025 - December 2025

- Built a **full-stack** mechanic / car listings application (**React/Typescript + Java**)
- Designed **responsive website** with **Emailjs** and **Database** functionalities for inquiries / listings
- Implemented **DB schemas**, Buckets, least-privilege service and RLS
- Developed a local admin tool

#### [Enfield food centre](#)

Web Developer

July 2025 - September 2025

- Developed **responsive website** using **TypeScript**, **React**, **Tailwind CSS** and shaden components
- Integrated **Emailjs** for email contact form functionality and customer inquiries
- **Optimized performance** with image compression and **lazy loading**, reducing load times by **30%**
- Configured **Web hosting**, **domain**, **SSL** and **SEO**, ensuring professional deployment

#### SQL Database Administrator

Intern

February 2022 - April 2022

- Learnt effective **Teamwork and Communication Skills**
- Gained proficiency in **SQL** syntax, queries, transactions, and triggers.
- **Administrated Windows Server** tasks such as group policy configuration via **Active Directory**
- Learned foundational concepts of **networking**, including IP addressing and subnetting

### LEADERSHIP EXPERIENCE

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#### Enfield food centre Pala trading ltd

Supervisor

2021 - 2023

- **Managed staff** scheduling, **onboarding** and software whilst supporting day to day operations

## Projects

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### FolderVerse

Software Developer

2024

- **First Place** back-to-back Microsoft Regional Hackathon Winners
- Developed a **Unity based** workspace to replace traditional text heavy systems, enabling dyslexic users to visualize their work more effectively
- Wrote **C# Scripts** to implement core functionality and interactive features within the environment
- Integrated **Azure AI** to convert user input into actionable commands, enhancing usability and accessibility
- Implemented **voice-based interactions** using **Azure AI**, providing an intuitive and **hands-free** interface for users
- Utilized **Python Flask** to send generated commands to **C# Scripts**

### DeskCleaner

PowerShell Developer

2025

- **Built a PowerShell script** to automatically unclutter your windows desktop by sorting folders and files into specific subfolders
- Shared publicly, single script, zero dependencies and quick to run

### Microtask Manager

Full Stack Developer

2025

- **Designed and implemented a REST API in GO** with **CRUD** operations, reducing data retrieval time by using lightweight **SQLite**
- Built a responsive **React frontend**, while **optimizing backend** architecture through separation of concerns across handlers, database, and routing layers enhancing **UX** and **code maintainability**.

### TradingDojo

Full Stack Developer

2025

- Developed a paper trading platform with community and chat features to teach beginners about good trading practices
- **Designed** multi-screen mobile UI using **React Native** and **React Navigation**
- Integrated **Firebase Authentication** to handle user sign-up, login and **persistent session management**
- Built **Firestore** integration to store and retrieve user trades, chats and details in **real time**
- Implemented **JavaScript** functions and Api's to **retrieve stock data** and **process buy/sell market Orders**

### SignSync

Full Stack Developer

2024

- **First Place** at Microsoft Regional Hackathon, **Guest Presenter** at Microsoft
- Developed a chrome extension that added overlays and popups to the web browser to translate subtitles to sign language when a YouTube video was being accessed by the web browser, enabling accessibility for **100+ potential users** (HTML, CSS and Java Script)
- Utilized **Python Flask**, **Azure OpenAI API**, **YouTube API** to deliver real-time subtitle translation; achieved a latency of **under 500ms** for subtitle rendering.
- Developed Python code with a team to tokenize then modify inputs and hosted a Python Server so this could be accessed from the chrome extension (Python)

## SKILLS

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- **Programming Languages:** C#, SQL, Java, Python, JavaScript, PHP, GO, PowerShell
- **Web development:** HTML, CSS, JavaScript, TypeScript, ReactJS, React Native
- **Tools & frameworks:** Git, Firebase, Flask, Unity, Node.js, GIN
- **Databases:** MySQL, Firestore (NoSQL), SQLite, Supabase
- **Software Development Concepts:** Version Control, UI/UX Design Principles, Object-Oriented Programming (OOP), API Design & Integration (RESTful APIs), CRUD Operations