

# Oliver Bryan

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## Professional Experience

### Junior Software Developer

Feb 2025 - Present

*DTI Services*

*Remote, UK*

- **Description:** Collaborated in a small team using Jira to deliver and upkeep full-stack web applications.
- **Projects:**
  - Developed **PrayerBud**, a faith-based social platform facilitating sharing of support and prayers within communities.
  - Created **MassMailer**, an internal Node.js tool for controlled email dispatch in large-scale marketing campaigns.
- **Technologies:** React (Next.js, TypeScript), Node.js, PostgreSQL (via Prisma)

## Education

### BEng Software Engineering 2nd & 3rd Year

Sep 2024 - Present

*University of Westminster*

- Graduating **July 2026**.
- On track to graduate with First Class Honours.

### BSc Computer Science 1st Year

Sep 2023 - Jun 2024

*London South Bank University*

- Moved to the University of Westminster for 2nd and 3rd years, to study Software Engineering (BEng).

### UAL Level 3 Extended Diploma in Games Design and Development (Distinction)

Sep 2021 - Jun 2023

*East London Arts & Music (ELAM)*

### 9 GCSEs (one grade 9, seven grade 8s, one grade 7) including Maths and Computer Science

Sep 2016 - Jun 2021

*Hornchurch High School*

## Personal Projects

### glimpse

May 2025

*Social photo sharing app*

- A full-stack social app designed for sharing photos with friends and family, inspired by the simplicity of early social media.
- Features include photo uploads with cropping, customizable profile themes, commenting on posts, and push notifications.
- **Stack:** React (Next.js, TypeScript, PWA), TypeScript, PostgreSQL, Prisma

### Watercooler

March 2025

*Virtual workplace organisation and communication system*

- A virtual office prototype designed to bring spontaneous, "walkie-talkie" style communication to remote teams.
- Supports instant audio calls, video chat, and screen sharing to emulate the collaborative atmosphere of a physical office.
- Powered by a self-hosted LiveKit instance for real-time WebRTC communication.
- **Stack:** React (Next.js, TypeScript), PostgreSQL, WebRTC, LiveKit, OAuth2

### Wiskatron

February 2024

*Virtual workplace organisation and communication system*

- A Spotify listening activity web app with dynamic visuals
- **Stack:** React (Next.js, TypeScript), Spotify API, OAuth2

### MIZU

2021 - 2024

*Trading card game (Discord Bot)*

- Led a four-person team to develop and scale a Discord bot for an anime trading card game, reaching a peak of over 4,000 players.
- Oversaw the full project lifecycle, including system architecture, application development, and deployment on a self-managed VPS.
- **Stack:** Node.js, TypeScript, Express, PostgreSQL, AWS S3, EC2