

Ethan Tyler

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Professional Experience

- Graduate Software Engineer, Cognizant** 05/2025 – Present
London, UK
- Contributed to the development of a full-stack web application, utilising **Next.js, GraphQL** and **Python**.
 - Successfully completed a 3 month training program that focused on a range of skills including **Java, SQL, Spring Boot, React** and **AWS**.
- Administrator, CORE Education Trust** 01/2024 – 05/2025
Birmingham, UK
- Developed **Python** scripts to automate routine tasks, improving efficiency and reducing manual workload.
 - Maintained and updated five WordPress websites, ensuring consistent performance, security, and content accuracy.

Projects

Cinema Booking System

A cinema web app that enables users to browse and book movie screenings.

- Developed with **Java Spring Boot** microservices, **Next.js**, and a **MySQL** database.
- Features a real-time interactive seat map with live seat availability.

Ranker

A web application for creating and sharing ranked lists across various categories.

- Integrates external APIs to dynamically populate ranking data.
- Implements Google OAuth 2.0 with custom session-based authentication.
- Built using **React, Next.js, Mantine**, and **PostgreSQL**.

Shared Queue

A collaborative music queue web app that allows multiple users to control and view the current playback state using Spotify's API.

- Built with **React, Next.js, Chakra UI**, and **PostgreSQL**.
- Officially approved by Spotify and publicly accessible.

Education

Computing and Management BSc, Loughborough University

First Class Honours

09/2019 – 07/2023

Skills

Programming Languages — JavaScript, TypeScript, Python, Java, HTML & CSS, SQL, PHP

Frameworks & Libraries — React, Next.js, Spring Boot, Node.js, Express, Laravel, Prisma

Cloud & DevOps Platforms — AWS Certified Cloud Practitioner , Cloudflare, Vercel

Data Science & Machine Learning — Jupyter Notebook, Pandas, Scikit-learn, NumPy, Matplotlib

Testing & Automation — Jest, Selenium, Junit, Mockito

UI — Figma, Chakra UI, Material UI, Mantine, Tailwind CSS