

EDUCATION

Nottingham Trent University Bachelor of Science in Software Engineering Penultimate year grade: 1st class / 3.7 GPA	Nottingham – U.K. Sept. 2022 – June 2026
Northern Arizona University International Study Diploma in Professional Studies	Flagstaff, AZ – U.S. Aug. 2024 – May 2025
Nottingham College UAL Level 3 Ext. Diploma in Creative Media Prod. and Tech. – Games Development	Nottingham – U.K. Sept. 2020 – June 2022

EXPERIENCE

Lead Web Developer Traigo Events WordPress, CSS	Nottingham – U.K. Jan. 2024 – May 2024
<ul style="list-style-type: none">Led all team and development sessions, providing technical guidance to ensure timely milestone deliveryResearched and selected WordPress plugins; documented rationale and authored client-facing usage guidesDesigned UX mock-ups in line with accessibility standards and brand guidelinesBuilt a custom “Add to Quote” feature, cutting client quote-response time by 30% and increasing engagement	

PROJECTS

Restaurant Management System React, Supabase (Auth, Postgres, Edge Functions), TypeScript, Docker, Jira, Git	Feb. 2026
<ul style="list-style-type: none">Designed a 3NF multi-tenant PostgreSQL schema for users, roles, permissions, and organisational entitiesProduced ERD, UML class diagrams and use-case diagrams to formalise system architecture prior to implementationEnforced DB security using Row-Level Security (RLS) policies and restricted direct client access behind Edge FunctionsDeveloped modular React components with role-based UI rendering and protected routesReduced average query response time by 40% through strategic indexingEstablished containerised development via Docker and VS Code Dev Containers to ensure reproducible team workflows	
Portfolio Next JS, Tailwind CSS, TypeScript, Docker, Figma, Git, Cloudflare Tunnels, Postmark	June 2024 – Present
<ul style="list-style-type: none">Integrated Postmark API to facilitate user inquiries via a form, enhancing communication efficiencyLeveraged server-side rendering for improved SEO and client-side performanceSecured contact form submission with Google’s reCAPTCHA v2Utilised Tailwind CSS to streamline development and reduce redundancyImplemented Docker containerisation, simplifying the development to deployment workflowHosted locally and used Cloudflare Tunnels for secure access, increasing control and lowering costs	
Cinema Showtimes React, Express JS, TypeScript, Docker, Git, Cloudflare Tunnels, Figma	June 2024 - Present
<ul style="list-style-type: none">Developed a secure REST API with user auth and expiring sessions to safeguard movie scheduling dataDistributed functionality into components, improving code maintainability and readabilityStreamlined data management and reduced re-renders by consolidating state values into single objectsOptimised backend data-fetching algorithm, decreasing load times by 66% on averageImplemented rate limiting and data caching to ensure fair usage of the parent API	
Evently C#, ASP.NET Core, EF Core, SQLite, GCP, Postmark, Adobe XD, JQuery, Git	May 2024
<ul style="list-style-type: none">Prototyped via GCP for database access, storage management, and API developmentSafeguarded sensitive user actions behind email verification, facilitated via the Core Identity APIUtilised Razor Pages’ RenderSections to promote modular design, enhancing development flexibilityCrafted user roles, granting admins access to a specialised control panel to facilitate metadata changesImplemented Razor Pages’ Layouts to ensure a consistent UI across the application	

TECHNICAL SKILLS

Languages: HTML, CSS, TypeScript, C#, .NET, SQL, Java, Kotlin, C++, Python
Frameworks: React, Next.js, Tailwind CSS, JQuery, React Native, Express.js, Boost Testing (C++)
Developer Tools: Docker, Git, Jenkins, Figma, Cloudflare, GCP, VS Code, Visual Studio, Android Studio