

# Luke Oxe

## Full Stack Developer

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Alsager, Stoke-on-trent

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## Professional Summary

Full Stack Developer with 2+ years experience building modern web applications using TypeScript (Next.js, Astro), Node.js, Python and ASP.NET. Comfortable working across Frontend and backend development, including REST APIs, serverless cloudflare workers & pages, and headless CMS integrations. Passionate about building efficient, maintainable applications with a strong focus on performance and clean code

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## Technical Skills

**Languages:** Typescript, Javascript, Python, C#

**Frontend:** React, Next.js, Svelte, Svelte kit, Solid, Astro, Tailwindcss

**Backend:** Node.js, Express, Hono, ASP.Net, Razor Pages, Fast Api

**Databases:** SQL, MongoDB, Elasticsearch

**Cloud & DevOps:** Railway, Docker, Cloudflare Workers, Cloudflare Pages,

**Tools:** Git, Postman, Jira,

**Mobile:** .NET MAUI

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# Professional Experience

## Freelance Full Stack Developer | Self-Employed | Remote

2024 - Present

- **Delivered Modern Web applications for client projects** Delivered modern web applications for client projects, replacing legacy WordPress sites with Next.js, Svelte, and Tailwind CSS, building fast, statically generated alternatives focused on long term maintainability
- **Built serverless backend APIs** using Cloudflare Workers, Hono and Node.js to handle contact form submissions and improve enquiry processing for clients
- **Integrated headless CMS solutions** using Payload CMS and Pages CMS to provide simplified, user-friendly content management dashboards
- **Increased SEO ranking** through static rendering strategies and modernising of the meta tags Utilisation

## Junior Web Developer | CSI Media | Crewe

Jan 2023 - Mar 2024

- **Maintained ASP.NET systems** implementing bug fixes and new features across multi-service web applications
- **Added Unit tests to ASP.Net Systems** increased code coverage and improving long-term maintainability
- **Modernised a legacy Xamarin Mobile app** using .NET MAUI Blazor to reduce code complexity and to improve the onboarding process for other developers
- **Improved Utilisation of Elasticsearch** to decrease search times and reduce load on the sql server
- **Investigated and resolved database deadlocks** in SQL based systems, reducing server side errors across the app
- **Worked in an Agile Development workflow** using Jira to track tasks, respond to tickets and to collaborate with other developers

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## Education

### Masters of Science in 3D Computer Games Design

**Staffordshire University** | Stoke-on-trent

*OCT 2021 - SEPT 2022*

**Grade:** Distinction

## **Bachelor of Science with Honours in Computer Games Design and Programming**

**Staffordshire University** | Stoke-on-trent

*OCT 2018 - SEPT 2021*

**Grade:** First Class