Alex Noddings
Principal Software Engineer

Skilled full-stack developer architecting and leading the development of complex business systems in .NET.

I'm passionate about delivering high quality, bespoke experiences for users by empowering the team around me and driving technical evolution.

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Experience
For privacy, exact dates and details aren't provided on my public resume

2024 - Now **Principal Software Engineer** @ Software consultancy
2023 - 2024   Senior Developer
2021 - 2023   Developer
2021 - 2021   Junior Developer

- Architecting and leading agile delivery of high quality, bespoke experiences for clients

- Collaborating with a range of stakeholders to discover business requirements and opportunities for innovation

- Defining short through long-term technology strategies, creating robust guidelines for ensuring software quality, and leading their adoption

- Providing leadership across the team, driving technical evolution, and constantly striving to improve our processes and workflows

- Empowering the development team and acting as the escalation path for technical issues

- Running interviews for new hires, and designing/managing our technical test process/site

- Supporting existing and legacy systems to ensure clients face minimal disruption

2020 - 2021 **Graduate Developer** @ Engineering

- Migrated internal systems from an EoL version of Access to a new SQL backend

- Optimised their existing database, unlocking up to 100x performance benefits on complex, long-running queries

- Independently identified manual processes across the business which could be automated

- Abstracted an existing piece of embedded software to run in a simulation, allowing engineers to more rapidly prototype alterations and changes to the product and control code

- Trained engineers in Python scripting to help them automate tasks and better design their embedded code

Summer 2018/19 **Summer Placement Developer** @ Industrial services

- Developing existing desktop applications using C# & WPF

- Designing and creating internal web systems in C#, ASP.NET Core, & Blazor on Azure

- Meeting with customers from across the business to identify requirements

- Collaborated with other developers to produce high-quality systems to streamline business processes

- Ported a 20+ year old Access/VB system to SQL Server to cut load times from tens of minutes to tens of seconds

Summer 2017 **Service Desk Analyst** @ Manufacturing

- Worked with users from across the globe to quickly and efficiently resolve technical issues

- Managed Windows systems, remotely triaged issues, and administrated their Active Directory

- Worked with other Analysts and Technical Engineers to triage and solve business issues quickly

- Created a bespoke Python system to vastly improve access to Knowledge Base documents for other Analysts

At a glance

Programming languages
C#, HTML, CSS, SQL, Type/JavaScript

Frameworks and libraries
.NET, Blazor (WASM & Server), ASP.NET Core, EF Core, SQL Server, Azure Functions, React

Tools and processes
Azure DevOps, CI/CD, Azure Cloud, Git, Agile, Docker, Linux, GitHub

Skills
Project leadership
Technical management
Requirement scoping
Stakeholder communication

What I love

Professionally
Delivering quality, robust systems
Learning from and teaching colleagues
Continuing professional development
Driving technical evolution

Personally
Music, Long walks, Video games, Cheese, Tabletop RPGs, Sci-Fi, Surreal comedies, Keeping active

Highlight projects

Tyne github docs demo
An extensive library of .NET packages designed around making line-of-business Blazor apps more efficiently and securely.

alexnoddings.com site github
My personal website - part resume, part portfolio. Created with Tailwind CSS and Astro, and responsible for generating this document!

Quibble github
Interactive real-time quiz website built using Blazor and SignalR on ASP.NET Core. Initially designed during Covid for game nights with friends, and occasionally resurrected since.

Education

University 2017 - 2020
First Class Honours Bachelor of Science in Computer Science