

Jake Yeatman

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Professional Summary

Senior Software Developer with 8+ years of experience building full-stack web applications across healthcare, energy, and manufacturing sectors. Specialising in C#/.NET backends, React/TypeScript frontends, and cloud-native microservices architectures on AWS and Azure. Proven track record of delivering complex data-driven solutions for high-compliance environments including NHS trusts. Passionate about clean architecture, team collaboration, and continuous improvement.

Technical Skills

Languages: C#, TypeScript, JavaScript, SQL, HTML, CSS

Frameworks: ASP.NET Core, React, Next.js, Entity Framework Core

APIs & Data: GraphQL, REST APIs, MongoDB

Cloud & DevOps: AWS, Azure DevOps, Google Cloud, CI/CD, Octopus Deploy, Vercel

Architecture: Microservices, Domain Driven Design, Test Driven Design, Agile

Tools: Git, Visual Studio, Docker

Experience

Senior Software Developer

ITHealth U.K. Ltd | Nov 2023 – Present

Lead full-stack development of data management platforms serving NHS trusts across the UK, with strict requirements around security, privacy, and system integrity.

- Architect and develop backend services in C# and frontend features in React/TypeScript, integrating GraphQL to present complex IT and medical equipment data in visual and tabular formats
- Collaborate directly with stakeholders to analyse existing products and identify enhancements, contributing to roadmap planning and feature prioritisation
- Champion data security and compliance best practices in a sensitive healthcare environment
- Developed the new micro-frontend and micro-service architecture to help with developing new and varied products.

Software Engineer

Tickd | Mar 2023 – Nov 2023 · 9 months

Contributed to building a resilient white-label energy switching platform for SME-focused energy consultants nationwide.

- Spearheaded development of an innovative microservices-based architecture on AWS, improving scalability and maintainability
- Built and deployed Next.js frontends through Vercel, delivering high-performance user experiences across white-label client sites

Full Stack Developer

DIGI-STEEL | Oct 2022 – Mar 2023 · 6 months

Developed key features for DIGI-BIM and DIGI-Weld — software packages integrating with Voortman's automated welding machinery to streamline steel manufacturing operations.

- Built and maintained full-stack features bridging software and industrial hardware systems
- Worked through many bugs and issues in the bac log to help relieve technical debt.

Software Engineer

Oakbrook | May 2022 – Oct 2022 · 6 months

Senior-level engineering role within an Agile team, focused on customer-outcome-driven development with strong emphasis on clean architecture and domain knowledge.

- Delivered features using Domain Driven Design and Test Driven Development methodologies
- Worked across a modern stack: C#, ASP.NET Core 6, React JS, MongoDB, Google Cloud, Octopus Deploy, and CI/CD pipelines
- Engaged cross-functionally with QA and BA teams; contributed to documentation and team knowledge sharing
- Implemented tools in to the customer portal to allow customers to calculate what potential benefits and support a customer may be eligible for.

Software Developer

STERIS | Sep 2021 – May 2022 · 9 months

- Independently developed and maintained software using Azure DevOps, C#, ASP.NET Framework/Core, React, and CI/CD workflows
- Provided technical guidance to team members and advocated for high-quality software practices
- Prioritised work items, managed risk, and delivered new features on schedule

Software Developer → Junior Software Developer

RDS Global | Jul 2018 – Sep 2021 · 3 years 2 months

- Progressed from Junior to Software Developer, taking on increasing ownership of independent projects
- Built and maintained web applications using ASP.NET Core, C#, SQL, JavaScript, HTML, and CSS
- Supported senior developers and delivered projects independently within tight deadlines
- Developed and planned the initial version of their micro-service API for a new product and company, Circulayo.

Education

BSc (Hons) Computer Games and Programming (with Industrial Placement)

University of Derby | 2016 – 2021

Industrial placement year completed at RDS Global (2018–2019), directly leading to a full-time junior role upon graduation.

Level 3 BTEC Extended Diploma in Games Development

Confetti Institute of Creative Technology | 2014 – 2016