

SENIOR FULL STACK AND DEVOPS DEVELOPER

I build the infrastructure, and the code that runs on it.

VSI Thinking, 2010

Zengenti, 2011

ClearLife, 2016

Brafton, 2021

now.

EXPERIENCE

 .NET
 Front end
 Data
 CI/CD
 Cloud
 AI agents





ClearLife

Dec 2016 – Apr 2021

Senior Developer

— .NET	C#
- - - Front end	<u>WebForms</u> until 2020, <u>Vue.js</u> from 2020
— Data	<u>MSSQL</u>
- . - - CI/CD	<u>CodePipeline</u> and CodeBuild until 2020, <u>GitHub Actions</u> from 2020
- . - - Cloud	<u>AWS</u> CodeCommit, CodeDeploy, EC2, Lambda also Git (moved from Subversion), jQuery

- Pitched, designed and built continuous integration with automatic deploys to a test environment, on AWS and tied into Jira for release versioning. Later moved it to GitHub Actions.
- Migrated the codebase from Subversion to Git and trained the team.
- Built a Microsoft Teams incident bot, inspired by Monzo's, designed to run incidents and keep the company informed.
- Rebuilt the ClariNet LS permissions system for fine-grained control.
- Integrated jExcel (a JavaScript spreadsheet library), maintained a fork and sent the improvements upstream.

Zengenti

Dec 2011 – Nov 2016

Software Developer

— .NET	VB.NET and C#
- - - Front end	<u>WebForms</u>
— Data	<u>MSSQL</u>
- . - - CI/CD	<u>Bamboo</u> also Git (moved from Subversion), Ansible

- Lead developer on Pearson's Think Future, a Professional Services build that connected young people with careers advisers.
- Developed the core Contensis product and shared ownership of its Bamboo CI with a colleague.
- Led the move from Subversion to Git and defined the branching model.
- Wired the build status into Hue bulbs, so the office could see a broken build from across the room.
- Presented Contensis features at user groups and at Zengenti's Rocket conference.

VSI Thinking

Jun 2010 – Dec 2011

Web Developer

— .NET	VB.NET
- - - Front end	<u>WebForms</u>
— Data	<u>MSSQL</u> also jQuery

- Built client sites end to end, from Photoshop designs to VB.NET, for Thomas Cook, Quanticate and Celtic Manor ahead of the 2010 Ryder Cup.
- Converted Thomas Cook's Brochure Store from single-brand to multi-brand with minimal downtime.
- Built Quanticate's helpdesk and payment gateway systems.

SIDE PROJECT

built on the side, sold for real

TidyLabs

A one-person software studio in Herefordshire. tidylabs.co.uk

seemy.beer. A live tap sign for PerfectDraft beer machines, sold on subscription. I built all of it: hardware and firmware you flash from the browser, the back end and billing, a keg price tracker and a discount-codes board, with the cloud side serverless on Cloudflare Workers and managed in Terraform.

EDUCATION

Swansea University 2007 – 2010
BSc (Hons) Computer Science

AWARDS

Student Radio Association
Silver, Best Technical Achievement, 2009 and 2010; Most Dedicated Student, 2010