ZAK DOWSETT

SENIOR SOFTWARE ENGINEER

CONTACT

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EDUCATION

Computer Science (BSc)

University of Portsmouth 2015 - 2019

- Achieved 1st class with honours
- Final year project implementing Fully Homomorphic Encryption into a Blockchain application
- Security and Cryptography
- Data Analytics, Warehousing
- Usability and Web Design

SKILLS

- Leadership
- React / VueJS
- TailwindCSS
- AWS
- .NET
- Laravel
- Golang
- Docker / K8S
- Blockchain
- Atlassian
- SQL / MongoDB

INTERESTS

- Gym
- Hiking / Camping
- Cybersecurity
- Krav Maga

PROFILE

Quick learning and adaptable Senior Software Engineer with over 5 years of professional experience across the entire development stack. I've worked across a number of different projects, as well as leading teams of different sizes.

WORK EXPERIENCE

○ Senior Software Engineer

1FIT, October 2023 to Present

Fitness SaaS for coaches to interact with their clients for planning meals, training and daily check-ins to track progress.

- Initially worked as a freelancer to create the initial platform
- Worked on AWS infrastructure changes to cut bills by 50%
- Developed apps using Laravel, React, Flutter and Go
- Worked with 3rd party APIs such as Stripe, Apple Health

○ Development Team Lead

Bluesquare, August 2021 to October 2023

Retail marketing company to help brands grow and engage with their customers, grow sales and increase loyalty.

- Hired to in-source existing company software solutions
- Led a team of 4 devs, working across 3 different projects
- Mentored a DevOps apprentice, with AWS and CI/CD
- Implemented agile methodologies to improve productivity and client comms in a rapidly changing work environment

○ Software Developer

Transalis, June 2019 to August 2021

B2Bi Automation, Integration and Analytics. Connecting 98% of the electronically-trading UK retail market.

- Developed a blockchain app using Java and Apache Kafka
- Supported infra team with app deployment and monitoring
- Led group projects, working with clients and colleagues

PROJECTS

FuelFinder

Creator, January 2024 to June 2024

An open source project which scrapes and shows the latest price data from fuel stations to help users save money

- Currently live at https://fuelfinder.zakdowsett.co.uk/
- Microservice app using React, Golang, gRPC and MongoDB, utilizing gRPC, and orchestrated using K8S