

Zak Dowsett

Development Team Lead

Quick learning and adaptable Full Stack Software Developer with 5 years of professional experience. Achieved a 1st in (BSc) Computer Science from the University of Portsmouth. Have a huge interest in the application of blockchain and cyber security. Recently involved in creating and leading a team of 4 developers, implementing processes to ensure work was delivered correctly and on time

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EMPLOYMENT

Development Team Lead

Blue Square

08/2021 - Present

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

Achievements/Tasks

- Initially hired as sole full stack developer to bring the company's software solutions in house
- Worked with clients to create web applications to help build customer/employee relation, leading to improved customer experience and sales
- Built an internal system using Laravel/Vue & AWS Lambda to consolidate third party systems and different teams into one central hub to improve productivity and KPIs
- Development expanded into a team within 6 months with work happening across multiple projects simultaneously
- Mentored and help train an employee during their DevOps apprenticeship
- Implemented agile methodologies to improve productivity in a rapidly changing work environment

Software Developer

Transalis

06/2019 - 08/2021

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

Achievements/Tasks

- Developed a permissioned blockchain application in Java, which can be interacted with a REST API
- Earned Certified Blockchain Security Professional (CBSP) certification with Blockchain Training Alliance (BTA)
- Develop and maintain REST APIs in .NET core with IAM policies for clients to access sensitive data
- Supported infrastructure team with server setup, application deployment, and server/app monitoring
- Led small group projects which required liaising with clients throughout the project and assign tasks based on suitability

Placement Software Developer

Pear Technology

07/2017 - 08/2018

Provide digital mapping services to both public and private sector, as well as develop easy-to-use GIS software for clients

Achievements/Tasks

- Created new features and bug fixes for two existing online products and a new desktop application
- Managed a Microsoft IIS server hosted on Amazon AWS EC2, as well as design and development of SQL databases
- Proposed and started work on a new online mobile-first web app and save work to the cloud

SKILLS

Leadership

Mentoring

.NET

AWS

JS

DBMS

Blockchain

Docker

Atlassian

EDUCATION

BSc Computer Science

University of Portsmouth

09/2015 - 05/2019

1st Class Honours

Units

- Final Year Project implementing Fully Homomorphic Encryption into a Blockchain application
- Security and Cryptography
- Practical Data Analytics, Warehousing and Mining
- Usability and Web Design

A-Level / GCSE

The Barclay School

09/2011 - 08/2015

Stevenage

Results

- 3 AS2 levels - Grade C in Maths, Grade D in both Economics and Business
- 11 GCSEs grades A - C including Maths (A) and English Language (C)

VOLUNTEER EXPERIENCE

Volunteer First Aider

St. John Ambulance

12/2008 - 05/2019

Society President

UoP Airsoft Society

06/2018 - 05/2019

INTERESTS

Gym

Hiking

Wild Camping

Reading

Blockchain

Cyber Security