

# James Alcock



reachout@jimalcock.dev



[linkedin.com/in/james-alcock-424ba560](https://www.linkedin.com/in/james-alcock-424ba560)

## Summary

I've been working as developer now for over 5 years working with various different methodologies and languages, such as Java, Python, C, C++, C#, PHP, Ruby, to name a few.

Working with various different companies on a very board range of projects, from single use scripts to companywide programs.

I'm becoming more experienced everyday whatever I don't know, I do my best to learn.

## Experience



### Senior Software Developer

Aire Logic Limited

Jul 2022 - Aug 2023 (1 year 2 months)

Lead Developer

IT Development Operations, Data Quality, Assurance and Test - Vaccinations Program (VIMS):

Responsibilities included:

- Create brand new API for a central Immunisation FHIR server for NHSE.
- Liaise with architects and BAs to create a highly available and scalable system.
- Create processed and coding standards for future development and expansion.

Key Achievements:

- Built proof of concept working API with modern programming practices in place.
- Updated current Immunisation History API (javascript) to work with FLU/HPV data.
- Created React Json Schema Form (ReactJS) for NHSE to quickly create cohort JSON schema.

Software Developer

IT Development Operations, Data Quality, Assurance and Test - Vaccinations Program (DPS):

Responsibilities included:

- Build, Maintain and Test ETL pipeline notebooks for vaccination data from various 3rd party systems.
- Meet clinical standards for all code produced.
- Liaise with customer to ensure efficient and effect delivery of code changes and new functionality

Key Achievements:

- Implement best practice for coding standards in the DPS environment
- Start re-factoring efforts to ensure a more future-proof and developer friendly code base.
- Build pipeline for Flu/HPV to Immunisation history api



### Senior Software Engineer

ANS Group

Apr 2021 - Jul 2022 (1 year 4 months)

UKFast is a leader in secure, cloud-led digital transformation technology and services, and the largest privately owned hosting provider in the UK.

**Key Skills:**

- Python
- Kubernetes
- Ansible
- Git
- CICD
- helm
- terraform

**My Responsibilities**

- Develop micro-services to facilitate traffic/data between other services
- Automation of development and deployment
- Manage and maintain ELK cluster, Wazuh Cluster and Kubernetes cluster for whole cybersecurity department.
- Refactor, containerise legacy code and make it Kubernetes compatible for high availability and scalability.

**Key Achievements:**

- Standardise and automate deploy of entire data flow infrastructure via Ansible
- Contribute towards the development of in-house micro-service and SAAS projects including SOC and threat monitoring based products
- Built entire dev infrastructure to increase speed of development and allow for safe testing of new deployments



## **Python Developer/Electronic Engineer**

Gardner Denver

Dec 2014 - Apr 2021 (6 years 5 months)

I worked as the only end-to-end python developer at Gardner Denver Uk Ltd Bradford.

My current projects involve using Django-Framework to build user friend web interfaces, and bespoke functionality.

Others involve creating data processing and management solutions to intergrate into existing third-party software.



## **C Programmer / Scripter**

SSP Ltd.

Jul 2013 - Dec 2014 (1 year 6 months)

Maintaining/improving current applications,  
development of new C modules for inhouse engines,  
running automated testing applications,  
Implementing release of monthly updates to live sites,  
developing/implementing updates for cloud based solutions



## **Associate Support Analyst**

SSP Limited

Feb 2012 - Jul 2013 (1 year 6 months)

Customer Service,

Database Administration of 700+ sites,

Network Maintenance including MicroLite Backup software, cross-platform unix-windows network drives,

Printer maintenance, Remote Desktop Maintenance.

Problem Solving and Management,

Time Critical Issue Resolution i.e resolving system downs for sites supporting 400+ user ,

System Administration including User profiles and priviledges,

## **Education**



### **Monks' Dyke Technology College**

CCNA, System, Networking, and LAN/WAN Management/Manager

2006 - 2008



### **Monks' Dyke Technology College**

2001 - 2006

Math - B

English - C

Science - Double C award

German - C

## **Skills**

React.js • JavaScript • Python • 1st Line • 2nd Line • SQL • Visual C# • Visual Basic • Unix  
Shell Scripting • Django