ALEX LANCASTER

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Personal Statement

Junior Software Developer with hands-on experience in CI/CD pipelines, cloud infrastructure, Linux administration, and building full-stack solutions. Skilled in delivering reliable deployments and secure environments. Excited to contribute to engineering teams while continuing to build strong technical expertise.

Skills

Languages:	Java, Python, JavaScript, C#, SQL, Bash
Web & Frameworks:	HTML, CSS
Cloud & DevOps:	AWS, Docker, Kubernetes, CI/CD, Linux, Proxmox, Salesforce
Databases:	MongoDB, MYSQL
Tools & Practices:	Git, VS Code, REST APIs, Agile

Projects

Home Lab Virtualization & Network Infrastructure

Self-directed project (Ongoing)

- Built a virtualized lab using Proxmox VE with multi-node network segmentation for secure testing
- Setup automated deployments **and** monitoring **which** reduced manual maintenance
- Configured VPN **and** key-based SSH **Which** improved security for remote access

Personal Portfolio Website

Self-directed project (Ongoing)

Portfolio**:** https://portfolio.alancaster.net

- Developed a high availability environment using a multi-node cluster
- Isolated dev/staging/prod workloads for **zero downtime during updates**
- Tech: AWS / Docker / Nginx / Bash / Git / Proxmox

Property management Database

VLDB Project (Complete)

- Built & maintained CI/CD pipelines using **Snaplogic** which **improved deployment speed**
- Developed data ingestion workflows integrating **aws services, Snaplogic an Salesforce**
- Created REST APIs enabling downstream apps to consume property data

- Collaborated with engineers + stakeholders to deliver reliable cloud solutions

Educational History

The University of Liverpool   Liverpool, UK
Computer Science with Software Development, Grade: 2:1 **September 2020 – August 2024**

Birkenhead Sixth Form College   Birkenhead, UK
Computer Science, Physics, Mathematics: A, B, B **September 2018 – June 2020**

Work History

VLDB Solutions   **Aug 2024 - Aug 2025**
Job title: Technical Consultant
Achievements:
- Develop and maintain CI/CD pipelines for reliable, scalable deployments
- Work closely with development and data teams to deliver robust, repeatable environments
- Assisted team members in project development and facilitated effective communication with clients, ensuring alignment on goals and expectations.
- Contribute to hybrid and multi-cloud design solutions

Slater & Gordon   **Oct 2020 – Nov 2021**
Job title: Customer Service Advisor
Responsibilities:
- Guided customers through the claims process, highlighting the importance of taking responsibility for issues while serving the company's interests.
- Communicated with customers to ensure they were well informed and that any questions they had were answered with meaningful information.