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
- Automated deployments + monitoring → reduced manual maintenance **by 70%**
- Configured VPN + key-based SSH → improved security for remote access

Personal Portfolio Website

Self-directed (Ongoing)

Portfolio**:** https://portfolio.silentscopz1.top

- Developed a highly available environment using multi-node cluster & failover
- Isolated dev/staging/prod workloads — **zero downtime during updates**
- Tech: AWS / Docker / Nginx / Bash / Git / Proxmox

Property management Database

VLDB Project (Complete)

- Built & maintained CI/CD pipelines using **Snaplogic** → improved deployment speed by **20%**
- 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

McDonalds   **July 2022 – Aug 2024**
Job title: crew member
Responsibilities:
- Provided exceptional customer service, took orders, and maintained cleanliness in a fast-paced restaurant environment.
- Collaborated with a team to ensure efficient operations and adhered to food safety standards, while also maintaining a friendly and co-operative work environment
- Developed strong communication and multitasking skills while working in a high-pressure and fast-paced setting.

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 comfortable that they were in control of their claim and that any questions they had were answered with meaningful information.

Primark   **Aug 2019 – Jan 2020**
Job title: customer assistant
Responsibilities:
- Maintained the shoe section, ensured store tidiness, and helped customers locate items, finding great satisfaction in assisting people.
- Maintained and took responsibility for areas of the shop floor on my own and with colleagues to ensure a tidy, safe and presentable environment for customers.

Home Bargains   **Oct 2018 – Feb 2019**

Job title: customer assistant

Responsibilities:

- Stocked shelves, assisted customers, and developed a strong work ethic.
- Assisted customers with any issues they may have had so that they left happy and satisfied.