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# JOEY BRAYSHAW

## WORK

### Amazon Web Services — *Systems Engineer*

July 2022 - PRESENT

- Architect and develop cloud-native applications across a broad range of AWS services, using CDK to implement Infrastructure as Code and CI/CD pipelines
- Automate processes using scripts and modules in both Linux (Debian and RHEL) and Microsoft Windows environments
- Proactively identify and address customer issues, using best practices to ensure success while acknowledging unique compliance and security requirements

### Glasswall Solutions — *Junior Devops Engineer*

DECEMBER 2021 - JULY 2022

- Implemented and maintained CI/CD pipelines using Azure Devops and Github Actions
- Developed Python-based in-pipeline testing utilities for proprietary cybersecurity software
- Ensured reliability and availability across Kubernetes clusters and VMs in Azure and AWS

### Container Solutions — *Cloud Native Engineer Intern*

JUNE 2021 - OCTOBER 2021

- Developed, tested, and wrote documentation for extensions to custom Kubernetes operators
- Contributed to CS's open source cloud native projects, predominantly using Python and Go
- Used Docker and Kubernetes to create and test containerized applications and microservices

## EDUCATION

### University of York — *MSc Computer Science (Distinction)*

SEPTEMBER 2020 - JUNE 2023

## SKILLS & CERTIFICATIONS

**Certifications** — AWS Certified Sysops Administrator Associate & Cloud Practitioner

**Languages** — Python, Go, Javascript, Typescript, Bash, PowerShell

**Tools** — AWS, Azure, Terraform, Docker, Kubernetes, Git, Github Actions

**Other** — Excellent soft skills from my background in sales and management, awareness of common vulnerabilities from hobby-level penetration testing and bug bounty