ALEXANDER CHADWICK

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IT WORK EXPERIENCE

Jul 2022 – Present: FanDuel (Online Gambling) - Staff/Senior DevOps Engineer

- Lead large scale DevOps projects spanning multiple business units
- Work with senior software engineers to plan and implement scalable services in AWS
- Write automation and custom solutions for operating MySQL databases at scale
- Create helm charts and deployment automation to standardise Kubernetes deployments
- Critical incident management and point of technical escalation

Mar 2020 – Present: Pulsion Technology Ltd (Software development) - System Administrator

- Manage public cloud services (AWS and Azure) using CloudFormation and Terraform
- Create CI/CD pipelines using Azure Devops and Gitlab CI/CD
- Responsible for servers running CentOS, Ubuntu and Windows and container workloads
- Support internal IT on-prem resources (physical servers, networking hardware, etc)

Oct 2017 – Mar 2020: Arrow Communications Ltd (MSP) - Technical Support Engineer

- Company award for innovation (2018)
- Develop and maintain internal IT projects and provide escalated outsourced support to SMEs
- Support servers and workstations (Windows and CentOS), O365 and resources in Azure

June 2015 – Oct 2017: MacRoberts LLP (Law firm) - IT Support Assistant

- Employee of the Month (September 2016), Employee of the Year (2017)
- Provide 1st and 2nd line internal support to 200+ users across 3 offices

SELECTED PROJECTS

- Ansible managed self-hosted MySQL blue/green upgrade process with minimal downtime
- Migration of a financial ledger application from MySQL to CockroachDB
- Import existing cloud service resources into Infrastructure as Code
- Migrate web apps from traditional datacenter hosting to public cloud services

Personal project: LateRail.com
- Web app which reports on historical UK train delays and cancellations
- Automated, single button press deployment and tear down
- Golang services with React frontend, deployed onto Kubernetes on AWS. Using Terraform, ArgoCD, Gitlab CI/CD, PostgreSQL/CockroachDB, OpenTelemetry, RabbitMQ etc

EDUCATION

2009 — 2014: University of Glasgow, MSci in Microbiology (Hons)

- Training in planning, investigation, troubleshooting and documentation
- In 3rd year I was selected to undertake a yearlong research position at the CEFAS laboratory where I conducted a microbiological investigation as part of an international trial
- Presented my work and findings to an audience, including representatives from the UK government Department for Environment, Food & Rural Affairs (DEFRA)