Jonathan Kerk

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Work Experience

S&P Global   Jul 2022 – Present
DevOps Engineer
- Leading infrastructure team, hosting monthly infrastructure reviews and brainstorming for improvements and optimizations
- Solutions design and implementation of cross region service for multiple AWS based products, enabling trade reporting to Hong Kong Trade Repository (HKTR)
- Technical documentation for existing and new infrastructure stack
- Engagement with external vendors and corporate Cloud team on new infrastructure building blocks

IHS Markit (Acquired Mar 22) / S&P Global   Jul 2021 – Jul 2022
Software Developer
- Part of infrastructure team creating and enhancing existing AWS resources using Terraform and AWS CLI
- Cost analysis of cloud billing to reduce monthly overheads
- Handling fleetwide deployments in UAT and Production environments
- Security and compliance fixes for AWS resources
- Part of Delivery and L2 support team to provide enhancements and analysis on issues and defects

DXC Technology   Mar 2021 – Jul 2021
Java Developer
- Part of delivery team to provide enhancements to Spring application

ST Engineering (Electronics) (Infosoft)   Sep 2018 – Feb 2021
Associate Engineer
- Deployment, maintenance and administration of ESXi hosts and virtualized application servers
- Improving processes with automation/scripting initiatives

Education

University of Wollongong   Oct 2018 –Mar 2021
Bachelor of Computer Science (Digital Systems Security) (Part-time)

Skills & Competencies

Programming Languages – Python, Java, Bash, Microsoft Batch
Tools – Linux, Git, Gitlab CI, Terraform, AWS CLI, Zabbix, Docker

Certifications

AWS Certified Solutions Architect (Associate)   Issued May 2022
SAA-C02