

Jeffrey Jiang



DevOps Engineer - Digital Infrastructure at UBank

Australia, (AU)

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🌐 [Jeff Jiang](#)

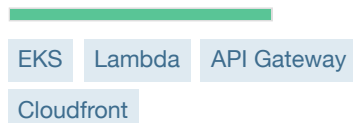
SUMMARY

I am a versatile professional with 6 years of experience in DevOps and software engineering and practices. Skilled in coding, testing, and debugging, I have successfully delivered high-quality software solutions. As a DevOps engineer, I specialize in optimizing development pipelines, automating processes, and implementing continuous integration/continuous deployment practices to enhance productivity and reliability. With a strong foundation in both technical execution and strategic oversight, I am passionate about driving operational excellence and technology innovation in complex digital platforms.

SKILLS

Amazon Web Services (AWS)

Master



EKS Lambda API Gateway

Cloudfront

Python

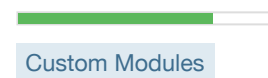
Advanced



Lambda

Terraform

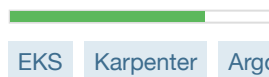
Advanced



Custom Modules

Kubernetes

Advanced



EKS Karpenter ArgoCD

Jenkins

Advanced



CI/CD Pipelines

Grafana

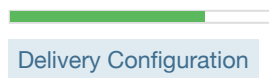
Intermediate



Loki Mimir

Akamai

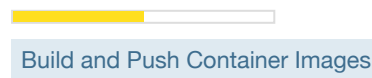
Advanced



Delivery Configuration WAF

Docker

Intermediate



Build and Push Container Images

Git

Advanced



BitBucket GitHub GitOps

WORK EXPERIENCE (8)

Oct 2022 - Current

Senior DevSecOps Engineer - Digital Infrastructure at

📍 Sydney 🌐 <https://www.linkedin.com/company/ubank-au/>

- Solutions designing complex systems and network architectures.
- Project management and planning.
- Collaborating with cross-functional teams to deliver high-quality software solutions.

Oct 2022 - Oct 2025

DevOps Engineer - Digital Infrastructure at

📍 Sydney 🌐 <https://www.linkedin.com/company/ubank-au/>

- Developing and automating digital infrastructure pipelines and tooling.

- Maintaining platform and service stability and reliability.
- Monitoring and optimizing platform performance and remediating security vulnerabilities.

Aug 2020 - Oct 2022

Associate DevOps Engineer - Digital Infrastructure at

📍 Sydney [🔗 https://www.linkedin.com/company/ubank-au/](https://www.linkedin.com/company/ubank-au/)

Oct 2019 - Aug 2020

Graduate 2019 - Digital Infrastructure at

📍 Sydney [🔗 https://www.linkedin.com/company/ubank-au/](https://www.linkedin.com/company/ubank-au/)

Feb 2019 - Oct 2019

Graduate 2019 - Tech Trading and Settlements at

📍 North Sydney [🔗 https://www.linkedin.com/company/nab/](https://www.linkedin.com/company/nab/)

Feb 2017 - Jun 2017

Electrical and Software Engineer at

📍 Aus Tech Park [🔗 https://www.linkedin.com/company/calumino/](https://www.linkedin.com/company/calumino/)

Nov 2016 - Feb 2017

Software Design Intern at

📍 Aus Tech Park [🔗 https://www.linkedin.com/company/calumino/](https://www.linkedin.com/company/calumino/)

May 2015 - Nov 2018

Math and Physics Teacher at

📍 Hurstville [🔗 https://www.linkedin.com/company/the-brain-education/](https://www.linkedin.com/company/the-brain-education/)

- Built communication and leadership skills.

PROJECTS (6)

Personal Website

Feb 2025 - Current

[🔗 https://jeffjiang.me](https://jeffjiang.me)

A personal website to showcase my resume and projects.

- Using Github as the source control manager.
- Using Jekyll to render the html files.
- Using Github Pages to host the website.
- Using AWS Route53 to host a custom domain.
- Using JSON Resume to edit and render this cv.

Jira Assets CMDB

Jan 2025 - Current

Creating a CMDB to track all the assets in the tech stack for cost and vulnerability allocation.

- Using Jira Assets to create a CMDB.
- Using AWS Lambda to create a custom integration with AWS.
- Creating a custom AWS event based integration to update the CMDB.

B2B File Transferring Pipeline

Jan 2022 - Current

Automated B2B file transferring pipeline to connect with 3rd party vendors.

- Using AWS S3, Lambda, Eventbridge to create a custom pipeling to automatically transfer files from and to 3rd party vendors.
- Supporting multiple types of sources and destinations: S3, SFTP, Sharepoint.
- Supporting PGP file encryption and decryption.

Terraform IaaS Solution

Jan 2022 - Current

Using Terraform and CI/CD pipelines to automate AWS infrastructure deployment.

- Wrote custom opinionated terraform modules to deploy AWS infrastructure.
- Yaml files to define deployment configurations.
- GitOps principles to manage the deployment process automatically with PRs.
- Used Jenkins and groovy scripts to build and deploy the infrastructure.

Thesis: 90 Degree 1H Pulse Calibration Methods in NMR

Mar 2016 - Dec 2016

In this thesis report, a novel method for determining the 90d pulse width for calibration in Nuclear Magnetic Resonance spectroscopy experiments is conceptualised and proposed. This method will aim to estimate the frequency of a real sinusoid with additive white Gaussian noise and spin physics alterations using a modified periodogram peak search algorithm given by Aboutanios. Research into current calibration methods and the potentiality of the proposed solution are presented to indicate the possible improvements in the accuracy and efficiency of the 90d pulse width determination.

Automated Thermal Detection of Remote Events using a Low Power System

Feb 2017 - Nov 2017

In the field of thermal imaging and event detection, there isn't much consideration put into use cases with limited power and resources, whilst also maintaining low cost. This study will present a new method of optimising power consumption and performance of a remote thermal camera which monitors a scene in an automated fashion and communicates with a centralised server end-user. This will be achieved through designing a robust event detection algorithm for thermal monitoring and dividing the computational load of a background modelling algorithm whilst optimising the amount of data transmission and the costs associated.

EDUCATION (2)

2013 - 2017

Master's Degree Electrical Engineering at UNSW Australia

2007 - 2012

High School Certificate at Sydney Boys High School

AWARDS

2017

Dean's Honours List 2017 at Prof. Graham Davies

2016

Dean's Honours List 2016 at Prof. Graham Davies

2015

Dean's Honours List 2015 at Prof. Graham Davies

2014

Dean's Honours List 2014 at Prof. Graham Davies

CERTIFICATES

Higher School Certificate

Sydney Boys High School

Masters in Electrical Engineering

UNSW

Learning Splunk

LinkedIn



https://www.linkedin.com/learning/certificates/14791399d51230c9f4aa12589f41b9ff5f271fa9ae74442aa364aa2bc97a9555?trk=backfilled_certificate

Learning Jenkins

LinkedIn



https://www.linkedin.com/learning/certificates/d72d02f11a1c947f17a7642f73a68d5b7eef0dfd129dcd930de0aef44eba2bfb?trk=backfilled_certificate

Finance Foundations

LinkedIn



https://www.linkedin.com/learning/certificates/aacd6e4246320faa086861c1c7d24a613a61e280e427dadf084995a699f07943trk=backfilled_certificate

Akamai Web Performance Foundations

Akamai Technologies

https://www.youracclaim.com/badges/4f1de01e-9a37-42b9-b9e0-79a471cb45a5/linked_in_profile

AWS Certified Solutions Architect - Associate

Amazon Web Services (AWS)

https://www.youracclaim.com/badges/602db2f1-5572-4831-bb4e-6838a86a4886?source=linked_in_profile

AppDynamics Verified Core APM

Cisco

https://www.credly.com/badges/f316f05f-320c-436d-9771-71ff6c41cd6b?source=linked_in_profile

LANGUAGES

English

Native Speaker



INTERESTS

Volleyball

Hiking & Camping

Travel

Formula 1

Reading

Fitness