

# Tu Lan (Bryant)

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## ABOUT ME

Experienced SRE/DevOps Engineer with a Master's in IT, boasting over a year of industry experience. Proven track record in architecting and implementing bespoke solutions emphasizing automation, scalability, and reliability. Thrives in high-pressure environments, adept at rapid problem-solving and strategic decision-making. Actively engages in community involvement and leadership development. Committed to staying at the forefront of emerging technologies to drive innovation. Passionate about delivering impactful results and pushing boundaries. Ready to leverage extensive industrial experience and skillset to contribute meaningfully to any team and organization.

## WORKING EXPERIENCE

### Cloud Consultant / Site Reliability Engineer

*Arinco, Melbourne (Apr 2023 – Present)*

Working with clients at the first place to provide solutions towards to their requirement, which includes:

- Collaborate with clients to provide enhancement and development services tailored to their needs
- Implement SRE principles to effectively monitor and measure critical aspects of the infrastructure
- Automate customer platforms to ensure reliability at scale, reducing operational toil
- Spearhead initiatives for automation, self-service, self-healing, Autoscaling, and more to streamline operations
- Proactively identify opportunities for platform and application improvements for clients
- Configure and optimize Monitoring and Event Management systems to ensure effective performance monitoring
- Develop and maintain CI/CD & IaC pipelines, ensuring seamless deployment of infrastructure and applications
- Provide Level 2 and 3 support to CoOps customers, resolving complex issues and ensuring customer satisfaction
- Participate in on-call rotations, offering after-hours support for resolving Major Incidents promptly

### DevOps Engineer (Graduate Program)

*Honeywell Sine, Adelaide (Jan 2023 – Apr 2023)*

Within this role, I am mainly responsible for maintaining existing products, as well as creating new infrastructures for offloading developers' burdens and increasing efficiencies. My responsibilities included:

- Design new and refine exist Continuous Integration/Continuous Delivery & Deployment Pipelines for their applications
- Using DRY model to manage and configure cloud infrastructure using Infrastructure as Code tools such as Terraform, Terragrunt, Ansible and Helm Chart
- Developing and maintaining monitoring and logging solutions using cloud infrastructure such as CloudWatch, CloudTrail and SNS/SQS topic. Handle alarm integrations with products such as Opsgenie, PagerDuty and NewRelic
- Participating in on-call rotations to support and troubleshoot test/production issues
- Implementing security best practices by setting up firewalls, SSL, DNS, networking for infrastructures as well as Access Management policies for resources accessibility

**Computer Science Academic Tutor***University of Adelaide, Adelaide (Feb 2022 – Dec 2022)*

As an academic tutor for the computer science degree at The University of Adelaide. I provide group tutoring to undergraduate/postgraduate students in 6 different computer science courses across two semesters, including programming languages, algorithms, data structures, databases, and software engineering.

**Software Engineer Internship (Remote)***Komatsu Australia, Queensland (Nov 2021 - Mar 2022)*

Within this role, I am responsible for designing and developing an internal application for building up the data mapping processes among various applications. Which is including but limit to tasks such as:

- Use Figma to draft the UI/UX design of the project
- Implement frontend by React and CSS libraries
- Write RESTful APIs for handling request in any type with input validation
- Collaborate with cross-functional teams, including designers, project managers and stakeholders to define requirements and ensure timely delivery of high-quality software
- Write reusable code to increase code efficiency and performance by code refactoring

**SKILLS****CI/CD:**

Azure DevOps, Github Actions, Jenkins

**Automation:**

Azure Logic Apps, Azure Function Apps, Azure ARM, Ansible

**Kubernetes:**

Azure Kubernetes Service, ArgoCD/ArgoWorkflow, Helm Chart, AWS EKS

**Container:**

Docker, Azure Container Registry

**Monitoring:**

Azure Monitor, Azure Application Insights, Azure Log Analytics, Azure Network Watcher, Opsgenie, PagerDuty, NewRelic

**Linux:**

Shell script, crontab, systemd, NTP, dnsmasq, apt repository

**Web:**

React, Vanilla JavaScript ES6/ES7/ES8, .Net 8.0, RESTful, GraphQL, Express

**Programming:**

JAVA, C++, Python, C#, CLI, PowerShell, bash

**Database:**

Azure SQL database, Azure Cosmos DB, PostgreSQL, mongoDB

**Version Control System & Platform tools:**

GitHub, SVN, Bitbucket, Trello, Jira, Slack

**Project Management:**

Agile, Scrum, Kanban, Test Driven Development, Waterfall

**Cloud Services:**

Azure (3 x certified, AZ-305, AZ-104 and Az-900)  
AWS (1 x certified, associate solution architect)

**IaC:**

Terraform (Terraform 003 associated certified), Terraform, Azure Resource Manager, Azure Bicep

## EDUCATION

### **Master of Computing and Innovation** 2022)

*University of Adelaide Adelaide (Jul 2020 - June*

Achievement:

- Global Citizens Scholarship with 30% scholarship
- GPA: 6.64/7.0
- Nominated as ECMS volunteer Ambassador

### **Bachelor of Information Technology**

*RMIT University (Mar 2017 - Jun 2020)*

Achievement:

- Graduate with High Distinction
- GPA: 3.4/4.0
- Participated in and organized several activities as a volunteer on the RUSU/CSSA committee

## Referee

Full Name: Sep Beheshti

Title: Tech Lead

Organization: Arinco

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Full Name: Mitch Bagan

Title: Team Principle

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