Tu Lan (Bryant)

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ABOUT ME

As an accomplished DevOps Engineer, I am deeply committed to developing cutting-edge production pipelines that leverage my extensive industry experience and unbridled enthusiasm for innovation. With months working experiences and over 5 years of academic study in IT industries, including a Master's degree with a GPA of 6.6 out of 7 and a Bachelor's degree with a GPA of 3.4 out of 4, I am a highly skilled problem-solver with a proven track record of success. In addition to my academic achievements, I have also served as an Academic Tutor and ECMS volunteer Ambassador at the University of Adelaide, where I have the privilege of contributing to the community while honing my leadership skills. I'm constantly striving to expand my knowledge and stay up-to-date with the latest technological advancements.

EDUCATION

Masters of Computing and Innovation   *University of Adelaide Adelaide(Jul 2020 - June 2022)*
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

SKILLS

DevOps:

Docker, Ansible, Terraform, AWS services, Jenkins, Kubernetes, istios, Terragrunt, linux bash, argoCD, Prometheus, Opsgenie, PagerDuty, NewRelic

Cloud Services:

AWS (Certified Associate Solution Architect in 2019), AWS EC2, AWS S3, AWS Lambda, AWS CloudWatch, AWS EKS, AWS ECS etc. Google Cloud Platform, Google App Engine, Google Cloud Storage, Google Compute Engine, Azure Databricks, Azure Devops (Certificated AZ-900 in 2022), Azure Cosmos DB.

Front End:

React, React Native, Angular, Laravel 7.x, Ruby on Rails 6.x, JavaScript ES6/ES7/ES8, HTML5, CSS3, Node.js, npm, yarn, webpack, Babel, Composer, pip, gems, ESLint, Bootstrap, Font Awesome Icons, Responsive Design

Back End:

JAVA , C++, C, Python, Node.js,

Testing:
Jest, Jasmin, Mocha, Chai, PHPUnit, QUnit

Database:
MySQL 5.x, PostgreSQL 9.x, MongoDB, AWS Aurora, AWS DynamoDB

Version Control System & Platform tools:
GitHub, SVN, Bitbucket, Trello, Jira, Slack

Project Management:
Agile, Scrum, Kanban, Test Driven Development, Waterfall

WORKING EXPERIENCE

DevOps Engineer (Graduate Program)   *Honeywell Sine, Adelaide (*Jan 2023 – Present)

Within the current 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

• Managing and configuring cloud infrastructure using Infrastructure as Code tools such as Terraform, Terragrunt, Ansible and AWG

• 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

Within this role I learned a great deal about cloud infrastructure and automation tools.

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 api 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.

Referee

Full Name: Dave Binney
Title: Lead of DevOps Engineer
Organization: Honeywell Sine
Phone number: 0427771970
Email: david.binney@honeywell.com

Full Name: Cheryl Pope
Title: Senior Academic Lecturer
Organization: The University of Adelaide
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