

QUOC HUY NGUYEN

ASSOCIATE TECHNICAL CONSULTANT

Sydney, NSW

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Personal Profile

Software Engineer with experiences in C++, C#, Java, Python and perform duties like building complex prototypes for simulations from scratch, setting up Elastic Stack to collect and analyse logs.

Certified with AWS Certified Solutions Architect & Developer - Associate. Super enthusiastic and passionate about Cloud. My objective is to leverage technical skills to create solutions and develop automation within AWS. My current position has provided me with a great understanding of system administration and security services.

As a keen learner and programming enthusiast, I want to express my creativity through building scalable systems, solving complex problems, and providing guidance to clients and team members alike.

Certification

Amazon Web Services	UTS	Ultimo Tafe
- AWS Certified Solutions Architect Associate	- Bachelor of Science in Games Development	- Certificate III in Information, Digital Media and Technology
- AWS Certified Developer Associate	- Sub Major in Enterprise Systems Development	- Certificate IV in Programming
- AWS Certified Sysops Administrator Associate (In Progress)		- Diploma of Software Development

Technical

Python	Linux	Lambda/DynamoDB
C++	Bash/Shell Script	Cloudfront/Route 53
OpenGL	Docker	CloudFormation/SAM
Java/JavaFX	Git	S3/SES
C#	Jenkins	Agile & Waterfall Methodologies

Employment History

DXC	March 2020 - Present
Associate Technical Consultant	
2 years' experiences working on a complex and multi-faceted project that provides many opportunities for learning about development in Linux environment.	
Responsible for the development of software design documents and worked on the development of the simulation prototype itself.	
Works to automate the processes that speed up installation time	
- Setup Jenkins pipeline	
- Create shell scripts that perform automatic installation of Open Source Softwares	
- Installed, configured, and run Elastic Stack to collect and analyse logs	
- Create a prototype of a Sonar simulation that demonstrates the generation of (Seabat) Sonar images	
- Complete the software design of Mine Disposal Vehicle Simulation CSCI, utilising Enterprise Architecture framework, Capella, Doors	

- Providing technical support in the creation and delivery of technology solutions that meet customers' business needs
- Redesigned old Project forms using Scene Builder and migrated Swing-based Widget to JavaFX

IBIS Budget Sydney Airport Housekeeper

October 2016 - June 2017

In charge of cleaning and closing hotel restaurant

Biada Poutry Process Worker

April 2011 - February 2013

Process chickens using automated machinery

Projects

Cloud Resume Challenge

December 2021

GitHub: [GitHub Repo](#)

Original Project Link: [Resume Challenge by Forrest Brazeal](#)

Building a website from the ground up with a database, APIGW, custom domain, HTTPs Security, Serverless Functions triggered through APIGW written in Python, all packaged into a SAM template only utilizing Amazon's wide variety of Cloud services.

Bootstrapping Wordpress Installation

December 2021

GitHub: [GitHub Repo](#)

Building a Wordpress website from the ground up using bootstrapping with a MariaDB , Apache HTTP Server, all packaged into a CloudFormation template and written in YAML.

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