

QUOC HUY NGUYEN

SOFTWARE ENGINEER

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

- AWS Certified Solutions Architect Associate
- AWS Certified Developer Associate
- AWS Certified Sysops Administrator Associate (In Progress)

UTS

- Bachelor of Science in Games Development
- Sub Major in Enterprise Systems Development

Ultimo Tafe

- Certificate III in Information, Digital Media and Technology
- Certificate IV in Programming
- Diploma of Software Development

Technical

HTML5/CSS

Bash

Lambda/DynamoDB

PLSQL

Linux

Cloudfront/Route 53

OpenGL

Python

CloudFormation/SAM

OpenSceneGraph

C#

S3/SES

C++

Java

Agile & Waterfall Methodologies

Employment History

DXC

Associate Technical Consultant

March 2020 - Present

18 months experience working on a complex and multi-faceted project that provides many opportunities for learning about development in a defence 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

- Create a prototype of the MDV Sonar simulation that demonstrates the generation of MDV (Seabat) Sonar images
- Create shell scripts that perform automatic installation of Open Source Softwares
- Installed, configured, and run Elastic Stack to collect and analyse logs
- 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.

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