



## DASHIELL VALLANCE (DASH)



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[github.com/dashdotme](https://github.com/dashdotme)

### Recent Roles

#### Founder/Software Engineer Apiview.io

2022 - Ongoing

A startup-in-progress/pet project. We're building a software API review system for teams creating libraries, rather than web API. Based on an open source tool used by Microsoft's Azure SDK teams.

##### Personal works:

- Infrastructure to replace MS pipelines, tweaked for simplicity and user-scoped access
- File processing module which handles file parsing and storage, deployed as an Azure Container App
- End-to-end git actions pipelines, turning source code into live Azure resources via Terraform
- Custom, scripted docker image creation, with publication to Azure
- Integration fixes and patch set for the open-source repository

#### Student Tutor/Marker Massey University

2021

Tutored and graded for the second year introduction to Java and functional programming.

- Responsible for marking 180 students while maintaining a full-time job and a full-time course load
- Received exceptional feedback and offers for further roles

#### Builder 3Sixty Construction

2019 - 2021

Skilled residential carpentry: renovations, joinery installs, odd jobs.

### Technical

#### Web knowledge

##### Backend



##### Frontend



#### Languages Overview

##### Imperative



##### Declarative



##### Scripting



#### Languages, frameworks and domain-specific tools

##### Java



##### C#



##### Python



##### C/C++



##### Spring Boot



##### .NET Core



##### Javascript



##### Typescript



##### Node.js



##### Express & Nestjs



##### Vue



##### Mongoose



## Tools

VSCode  
for every language, with Vim  
●●●●○

Git  
CLI, hooks, merges, etc.  
●●●●○

Linux (Deb-based)  
Simple bash scripting, etc.  
●●●●○

Markup  
JSON, YAML, Tex, HTML, etc.  
●●●●○

## Storage

Blob/S3  
●●●●○

SQL  
●●●●○

NoSQL  
●●●●○

## Infrastructure/deployment

Azure  
Templates, RBAC configs, etc.  
●●●●○

AWS  
Basic resource setup  
●●●●○

Docker  
Optimized images, compose  
●●●●○

Git Actions pipelines  
Setup, triggers, secrets, etc.  
●●●●○

Terraform  
Composition, state, etc.  
●●●●○

## Certifications

[Azure Fundamentals](#)

2022

## About

- Earned my school's 'dux' title and scholarship offers a long time ago, getting perfect marks in economics.
- Thought I'd be a writer growing up. Regularly wrote for the paper during school, drafting a novella and many bits and pieces by 20. Programming became the practical outlet for those skills.
- Newly passionate second-brain-er, after discovering 'Obsidian.md'. Love creating and documenting process.

## Education

Massey University  
Computer Science

2020 - 2021  
Remote

Victoria University of Wellington  
Software Engineering

2016 - 2017  
Wellington

## Student Testimonials

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If everyone gave feedback like Dash does from day 1 of programming courses, I think the average skill level of every programmer globally would double in a year.

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Thank you Dash, I think you are one of the most detailed and thoughtful markers I've ever experienced. ...I was kind of dreading these results. But there was so much useful information in there, and I feel motivated once more to have read through all the feedback. So thank you, so much.

## References

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