DASHIELL VALLANCE (DASH)

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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.
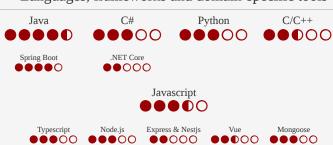
Technical

Web knowledge

Backend	Frontend
●●●●○	●●○○○

Languages Overview

Imperative	Declarative	Scripting
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Languages, frameworks and domain-specific tools

Java	C#	Python	C/C++
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Spring Boot	.NET Core
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Javascript

●●●◐○

Typescript	Node.js	Express & Nestjs	Vue	Mongoose
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Tools

VSCode	Git	Linux (Deb-based)	Markup
for every language, with Vim	CLI, hooks, merges, etc.	Simple bash scripting, etc.	JSON, YAML, Tex, HTML, etc.
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Storage

Blob/S3	SQL	NoSQL
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Infrastructure/deployment

Azure	AWS	Docker	Git Actions pipelines
Templates, RBAC configs, etc.	Basic resource setup	Optimized images, compose	Setup, triggers, secrets, etc.
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Terraform
Composition, state, etc.
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Certifications

Microsoft CERTIFIED — AZURE FUNDAMENTALS ★	Terraform — CERTIFIED ASSOCIATE ★ — HCTA0-002
Nov 2022	Feb 2023

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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