

# Farhan Darma

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Work	<b>Go1</b> <i>Senior Software Developer</i>	Melbourne, Australia June 2022 - Present
	As a senior software developer on the Content Core and Content Platform teams I worked on:	
	<ul style="list-style-type: none"><li>• Lead the design and development of migrating our Content Monolith to a decentralised Content System (Typescript, PHP), resulting in up to a 10x improvement in read latency and a decentralised system which enabled for better data governance, integrity, and ownership</li><li>• Lead the design and development of the Content Event System (Azure, Typescript), a highly scalable event model which allowed for downstream services to filter and self-configure consumers to consume slim events for further processing</li><li>• Lead the design and development of the V3 Go1 Content Public API (Typescript, PHP), a complete redesign of our Content Schema that focuses on a minimal and extensible model for our core data entity</li><li>• Lead the design and development of the Go1 Bulk Uploader (ReactJS, Typescript), a browser application which enabled for stable long-running local jobs for content ingestion</li><li>• Lead the design and development to unify how we determine content launch behaviour (Typescript, PHP), converging three separate standards and asynchronous data ingestion schemes into one universal property</li><li>• Lead the design and development to introduce Content Revisions (Typescript, PHP), a data model which enabled us to store, search and filter for content in multiple languages</li></ul>	
	<i>Software Developer</i>	June 2021 - June 2022
	As a software developer on the Content Engineering and Content Creator teams I worked on:	
	<ul style="list-style-type: none"><li>• Lead the design and development of the V2 Go1 Content API (Typescript, PHP), Go1's first Public API which enabled for Content Creation</li><li>• Lead the design and development of the Go1 Content Studio (ReactJS), a creator-focused embeddable dashboard within the core platform</li><li>• Migrating content repositories from Gitlab to Github</li><li>• Developing data pipelines within our data lakehouse system</li></ul>	
	<b>Alex Solutions</b>	Melbourne, Australia
	<i>Software Developer (Full-Stack) - Core Platform</i>	Oct 2019 - June 2021
	As a developer in the Core Platform team, I worked on my general responsibilities were to:	
	<ul style="list-style-type: none"><li>• Maintain and develop the core backend (Java, Scala) and frontend (ReactJS, jQuery) codebases</li><li>• Maintain developer pipelines and documentation</li><li>• Maintain user-facing public APIs and guides</li><li>• Onboard new developers of varying seniority to the team</li><li>• Host knowledge sharing sessions and showcases on our existing infrastructure and codebase</li></ul>	
	Accomplishments:	
	<ul style="list-style-type: none"><li>• Developed a configurable CLI tool to support in-memory database migrations to postgres</li><li>• Developed in-house SAML authentication which enabled SSO for the core product</li><li>• Implemented new unit testing practices which resulted in a major uplift of front-end code coverage</li><li>• Rearchitected data-intensive features which greatly improved resource usage for our analytics</li><li>• Lead the design of converting our existing JWT standards from JWS to JWE</li><li>• Supervised a team of 10 during a support rotation to tackle client-facing issues</li></ul>	
	<b>University of Melbourne - University Services</b>	Melbourne, Australia
	<i>Spatial Data Analyst Intern</i>	Jan 2019 - Apr 2019
	Utilized Tableau and python based data processing libraries to:	
	<ul style="list-style-type: none"><li>• Process and analyze spatial datasets for the University's TEFMA and Go8 dashboards</li><li>• Visualize spatial datasets to create official University dashboards on vacant space</li><li>• Create dashboards that showcase live University prominent building data</li></ul>	
	<b>Jakarta Smart City</b>	Jakarta, Indonesia

***Data Analyst & Engineer Intern***

Nov 2018 - Dec 2018

Utilized SQL, Tableau, and Python based data processing and visualization libraries to:

- Identify and rectify inaccuracies and logical errors within GOWES datasets
- Analyze and visualize static and geospatial patterns arising from the use of GOWES
- Analyze and visualize varying types of public complaints made to the government
- Conduct data maintenance by observing database usage and analyzing data integrity

**Education****University of Melbourne**

Melbourne, Australia

***Bachelor of Science Majoring in Computing and Software Systems***

Jul 2016 - Jul 2019

**Skills****Programming Languages**

Java, Scala, Javascript, Typescript, Python

**Web Frameworks**

NestJS, Symfony, Play, Spring, NextJS

**Databases**

PostgreSQL, MongoDB, MySQL, Elasticsearch, Neo4J

**Cloud Service Providers**

AWS, Azure

**CI/CD**

Docker, Gitlab, Jenkins, Kubernetes, Cloudflare, Terraform

**Others**

TDD, Database Modelling, Software Modelling, UI/UX Design

**Referral**

Wei How Ng, Engineering Manager at REA Group

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