

# Farhan Darma

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Work	<b>Go1</b>	Melbourne, Australia
	<b>Senior Software Developer</b>	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>	
	<b>Software Developer</b>	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	
	<b>Software Developer</b>	May 2020 - June 2021
	As a software developer in the Core Platform and Business Glossary teams, I worked on::	
	<ul style="list-style-type: none"> <li>Developed a configurable CLI tool to support in-memory database migrations to postgres</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>Junior Software Developer</b>	Oct 2019 - May 2020
	As a junior software developer in the Core Platform team, I worked on:	
	<ul style="list-style-type: none"> <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 and search</li> </ul>	
<b>University of Melbourne - University Services</b>	Melbourne, Australia	
	<b>Spatial Data Analyst Intern</b>	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	
	<b>Data Analyst &amp; Engineer Intern</b>	Nov 2018 - Dec 2018
	Utilized SQL, Tableau, and Python based data processing and visualization libraries to:	
	<ul style="list-style-type: none"> <li>Identify and rectify inaccuracies and logical errors within GOWES datasets</li> </ul>	

- 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

<b>Education</b>	<b>University of Melbourne</b> <i>Bachelor of Science Majoring in Computing and Software Systems</i>	Melbourne, Australia Jul 2016 - Jul 2019
<b>Skills</b>	<p><b>Programming Languages</b> Java, Scala, Javascript, Typescript, Python</p> <p><b>Web Frameworks</b> NestJS, Symfony, Play, Spring, NextJS</p> <p><b>Databases</b> PostgreSQL, MongoDB, MySQL, Elasticsearch, Neo4J</p> <p><b>Cloud Service Providers</b> AWS, Azure</p> <p><b>CI/CD</b> Docker, Gitlab, Jenkins, Kubernetes, Cloudflare, Terraform</p> <p><b>Others</b> TDD, Database Modelling, Software Modelling, UI/UX Design</p>	
<b>Referral</b>	Wei How Ng, Engineering Manager at REA Group Contact: ngweihow.r@gmail.com	