

Farhan Darma

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Work	Go1 <i>Senior Software Developer</i> <p>As a senior software developer on the Content Core and Content Platform teams I worked on:</p> <ul style="list-style-type: none"> • 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 • 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 • 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 • 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 • 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 • 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 Software Developer <p>As a software developer on the Content Engineering and Content Creator teams I worked on:</p> <ul style="list-style-type: none"> • Lead the design and development of the V2 Go1 Content API (TypeScript, PHP), Go1's first Public API which enabled for Content Creation • Lead the design and development of the Go1 Content Studio (ReactJS), a creator-focused embeddable dashboard within the core platform • Migrating content repositories from Gitlab to Github • Developing data pipelines within our data lakehouse system Alex Solutions <i>Software Developer</i> <p>As a software developer in the Core Platform and Business Glossary teams, I worked on:</p> <ul style="list-style-type: none"> • Developed a configurable CLI tool to support in-memory database migrations to postgres • Lead the design of converting our existing JWT standards from JWS to JWE • Supervised a team of 10 during a support rotation to tackle client-facing issues Junior Software Developer <p>As a junior software developer in the Core Platform team, I worked on:</p> <ul style="list-style-type: none"> • Developed in-house SAML authentication which enabled SSO for the core product • Implemented new unit testing practices which resulted in a major uplift of front-end code coverage • Rearchitected data-intensive features which greatly improved resource usage for our analytics and search University of Melbourne - University Services <i>Spatial Data Analyst Intern</i> <p>Utilized Tableau and python based data processing libraries to:</p> <ul style="list-style-type: none"> • Process and analyze spatial datasets for the University's TEFMA and Go8 dashboards • Visualize spatial datasets to create official University dashboards on vacant space • Create dashboards that showcase live University prominent building data Jakarta Smart City <i>Data Analyst & Engineer Intern</i> <p>Utilized SQL, Tableau, and Python based data processing and visualization libraries to:</p> <ul style="list-style-type: none"> • Identify and rectify inaccuracies and logical errors within GOWES datasets 	Melbourne, Australia June 2022 - Present June 2021 - June 2022 Melbourne, Australia May 2020 - June 2021 Oct 2019 - May 2020 Melbourne, Australia Jan 2019 - Apr 2019 Jakarta, Indonesia Nov 2018 - Dec 2018
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- 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 <i>Bachelor of Science Majoring in Computing and Software Systems</i>	Melbourne, Australia Jul 2016 - Jul 2019
Skills	<p>Programming Languages Java, Scala, Javascript, Typescript, Python</p> <p>Web Frameworks NestJS, Symfony, Play, Spring, NextJS</p> <p>Databases PostgreSQL, MongoDB, MySQL, Elasticsearch, Neo4J</p> <p>Cloud Service Providers AWS, Azure</p> <p>CI/CD Docker, Gitlab, Jenkins, Kubernetes, Cloudflare, Terraform</p> <p>Others TDD, Database Modelling, Software Modelling, UI/UX Design</p>	
Referral	Wei How Ng, Engineering Manager at REA Group Contact: ngweihow.r@gmail.com	