Farhan Darma

farhan.darma@gmail.com
linkedin.com/in/farhan-darma
github.com/farhandarma

Work

Go1
Melbourne, Australia

Senior Software Developer — June 2022 - Present

As a senior software developer on the Content Core and Content Platform teams I worked on:

- 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 seperate 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 — June 2021 - June 2022

As a software developer on the Content Engineering and Content Creator teams I worked on:

- Lead the design and development of the V2 Go1 Content API (Typscript, 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
Melbourne, Australia

Software Developer (Full-Stack) - Core Platform — Oct 2019 - June 2021

As a developer in the Core Platform team, I worked on my general responsibilities were to:

- Maintain and develop the core backend (Java, Scala) and frontend (ReactJS, jQuery) codebases
- Maintain developer pipelines and documentation
- Maintain user-facing public APIs and guides
- Onboard new developers of varying seniority to the team
- Host knowledge sharing sessions and showcases on our existing infrastructure and codebase

Accomplishments:

- Developed a configurable CLI tool to support in-memory database migrations to postgres
- 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
- 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

University of Melbourne - University Services
Melbourne, Australia

Spatial Data Analyst Intern — Jan 2019 - Apr 2019

Utilized Tableau and python based data processing libraries to:

- 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
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, Data Developer at REA
Contact: ngweihow.r@gmail.com