Farhan Darma

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Work

Alex Solutions
Melbourne, Australia

Software Developer (Full-Stack) - Core Platform
Oct 2019 - Present

As a developer in the Core Platform team, while working through Agile practices, my general responsibilities are to:

- Develop the core back-end codebase written in Java/Scala (Play/Spring)
- Develop the core front-end codebase written in Javascript/Typescript (React/jQuery)
- Extend/Decouple features through the development of microservices and microfrontends
- Maintain developer pipelines and documentation
- Maintain user-facing public APIs and guides
- Standardize and uplift web-security and authentication throughout multiple projects

Noteworthy accomplishments:

- Developed CLI's to support the migration of large databases between versions
- Supervised a team of 3 in the development of a new front-end initiative
- Lead a team of 10 during a support rotation to tackle client-facing issues
- Implemented new unit testing practices resulting in the uplift of front-end code coverage
- Onboarded new developers of varying seniority to the team
- Maintained repositories to ensure code-coverage and agile practices were upheld
- Held presentations on a variety of topics with the aim of reducing knowledge-silos
- Uplifted data-intensive areas to improve memory-usage, tolerance, and speed of processes
- Architected the solution to convert existing JWT standards from JWS to JWE

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 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
- Extract subsections of government-owned data through the use of SQL queries

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
Play, Spring, React, Redux, jQuery

Databases
PostgreSQL, Elasticsearch, Neo4J

CI/CD
Docker, Gitlab, Jenkins, SonarQube, AWS, Terraform

Testing
Unit, Integration, E2E

Tools
IntelliJ, Tableau, Figma

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

Referral

Wei How Ng, Data Developer at REA
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