

Work	<b>Alex Solutions</b>	Melbourne, Australia
	<b><i>Software Developer (Full-Stack) - Core Platform</i></b>	Oct 2019 - Present
	<p>As a developer in the Core Platform team, while working through Agile practices, my general responsibilities are to:</p> <ul style="list-style-type: none"><li>• Develop the core back-end codebase written in Java/Scala (Play/Spring)</li><li>• Develop the core front-end codebase written in Javascript/Typescript (React/jQuery)</li><li>• Extend/Decouple features through the development of microservices and microfrontends</li><li>• Maintain developer pipelines and documentation</li><li>• Maintain user-facing public APIs and guides</li><li>• Standardize and uplift web-security and authentication throughout multiple projects</li><li>• Helped vita</li></ul> <p>Noteworthy accomplishments:</p> <ul style="list-style-type: none"><li>• Developed CLI's to support the migration of large databases between versions</li><li>• Supervised a team of 3 in the development of a new front-end initiative</li><li>• Lead a team of 10 during a support rotation to tackle client-facing issues</li><li>• Implemented new unit testing practices resulting in the uplift of front-end code coverage</li><li>• Onboarded new developers of varying seniority to the team</li><li>• Maintained repositories to ensure code-coverage and agile practices were upheld</li><li>• Held presentations on a variety of topics with the aim of reducing knowledge-silos</li><li>• Uplifted data-intensive areas to improve memory-usage, tolerance, and speed of processes</li><li>• Architected the solution to convert existing JWT standards from JWS to JWE</li></ul>	
	<b>University of Melbourne - University Services</b>	Melbourne, Australia
	<b><i>Spatial Data Analyst Intern</i></b>	Jan 2019 - Apr 2019
	<p>Utilized Tableau and python based data processing libraries to:</p> <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><i>Data Analyst &amp; Engineer Intern</i></b>	Nov 2018 - Dec 2018
	<p>Utilized Tableau and python based data processing and visualization libraries to:</p> <ul style="list-style-type: none"><li>• Identify and rectify inaccuracies and logical errors within GOWES datasets</li><li>• Analyze and visualize static and geospatial patterns arising from the use of GOWES</li><li>• Analyze and visualize varying types of public complaints made to the government</li><li>• Conduct data maintenance by observing database usage and analyzing data integrity</li><li>• Extract subsections of government-owned data through the use of SQL queries</li></ul>	
Education	<b>University of Melbourne</b>	Melbourne, Australia
	<b><i>Bachelor of Science Majoring in Computing and Software Systems</i></b>	Jul 2016 - Jul 2019
Skills	<b>Programming Languages</b>	
	Java, Scala, Javascript, Typescript, Python	
	<b>Web Frameworks</b>	
	Play, Spring, React, Redux, jQuery	
	<b>Databases</b>	
	PostgreSQL, Elasticsearch, Neo4J	
	<b>CI/CD</b>	
	Docker, Gitlab, Jenkins, SonarQube, AWS, Terraform	
	<b>Testing</b>	
	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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