

Michael Kang

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Education	B.S. in Computer Science University of Auckland, Auckland, NZ <ul style="list-style-type: none">GPA: A- (Major), B+ (Total)	Feb 2019 - Nov 2021
Experience	Graduate Software Developer University of Auckland <ul style="list-style-type: none">Full stack development of single page applications using the Angular and Ionic frameworks in TypeScriptBuilding serverless integrations using AWS Lambda and Apache KafkaLeveraging the Mocha JS test framework for Test Driven DevelopmentUsing the Jenkins pipeline for automated builds and deploymentPracticing agile methodologies and leading exercises such as sprint planning and team standups IT Support Analyst (Part Time) Gleeson & Cox Transport Ltd. <ul style="list-style-type: none">Maintained the business' IT infrastructure (software & hardware)Resolved user issues, and provided training to prevent future problems	Dec 2021 - Present May 2021 - Dec 2021
Projects	Automation of Student Catering Applications Mobile first Single Page Application (SPA) <ul style="list-style-type: none">Originally catering applications required up to 3 days to manually processNew web app streamlines the application process by immediately updating university systems after a student submits a catering formDeveloped a mobile first SPA front-end using the Ionic Angular frameworks, with an AWS Lambda API to handle requests and integrate with campus systemsUsed AWS Cognito, S3, Cloudfront for authentication, hosting, and CDN Cloud migration of legacy integrations Serverless integrations w/ AWS Lambda and Apache Kafka <ul style="list-style-type: none">Decomissioning of on-premise hosted Oracle WebLogic Integration platform in favor of cloud hosted serverless integrationsBuilt several new integrations for business applications to use AWS Lambda and Apache KafkaUsed the ELK stack (Elasticsearch, Logstash, Kibana) and created Grafana dashboards to monitor and debug the new integrations University Careers Website (Capstone Project) Python Flask Web Application w/ MySQL Database & React.js <ul style="list-style-type: none">Worked within an agile team to develop a website to assist CompSci students looking for a career in techCreated/configured the back-end Flask API and Apache server on AWS LightSail, and deployed the React front-end to AWS Amplify	
Skills	Languages: Python, TypeScript/JavaScript, HTML/CSS, PowerShell/Bash Frameworks: Angular, Ionic, Node.js, Mocha JS Tools: AWS(Lambda, Cloudfront, S3, Cognito), Jenkins, Linux, Git, Jira	