

Sicong (Kevin) Jiang

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TECHNICAL SKILLS

Certified	AWS Certified Solutions Architect Associate
Experienced	JavaScript, TypeScript, AWS, Node.js, Java
Intermediate	React, Terraform, Python, Postgres, Docker, MongoDB, Linux
Novice	Go, \LaTeX , Kubernetes

EDUCATION

University of Wisconsin - Madison	2013 - 2016
<i>Bachelor of Science, Computer Science</i>	<i>Madison, Wisconsin, USA</i>
<ul style="list-style-type: none"> • Major: Computer Science • Related Coursework: Algorithm & Data Structures, Operating Systems, Networks, Computer Vision, Computer Graphic, Artificial Intelligence, Mobile App Development 	

EXPERIENCE

Spark New Zealand	Dec 2021 - Now
<i>Software Engineer</i>	<i>Auckland, NZ</i>
<ul style="list-style-type: none"> • Member of a larger mobile app squad that's responsible for the Spark mobile app (iOS & Android), contribute to server-driven UI delivered through RESTful API in Node.js and TypeScript. • Collaborate with cross-functional teams including UX designers, back-end developers, and QA engineers to deliver high-quality products using Agile methodologies. • Primary code contributor for revamped roaming data usage and buy extra experience in Spark mobile app. • Mentored junior developers and contributed to knowledge sharing within the team. • Actively participated in code reviews, testing, and deployment activities. 	
Institute of Data	Jul 2022 - Dec 2022
<i>Assistant Trainer (Part Time)</i>	<i>Remote, NZ</i>
<ul style="list-style-type: none"> • Worked as an assistant trainer for Software Engineering course and mentored students on relevant technical topics. • Designed and delivered labs on HTML, CSS, JavaScript, React, MongoDB and AWS to facilitate student's understanding on relevant topics. 	
Invenco	Apr 2021 - Dec 2021
<i>NodeJS developer</i>	<i>Auckland, NZ</i>
<ul style="list-style-type: none"> • Worked on a multi-tenant SaaS platform that manages IoT devices, utilizing Node.js and Angular JS • Migrated legacy code base from Java to NodeJS. Improved performance by 60% • Supported and mentored junior members of the team 	
Crimson Education	Oct 2019 - Apr 2021
<i>Full Stack Software Engineer</i>	<i>Auckland, NZ</i>
<ul style="list-style-type: none"> • Delivered multiple multi-locale marketing websites using React, Typescript, Gatsby and StoryBlok (Headless CMS), reducing page load time by 60%. • Designed and implemented RESTful API and infrastructure solution for custom digital classroom that includes video conferencing and e-learning capability using Node.JS (Express) and AWS managed infrastructure with Terraform. 	

- Led development of **Serverless** application on **AWS** using **Serverless** framework that ingest and analyze videos from Zoom cloud and archive in Google Drive
- Collaborated closely with stakeholders to prioritize requirements and led multiple projects at the same time.

Transportation Operations and Safety Lab, University of Wisconsin Madison
Software Engineer

July 2016 - May 2019
Madison, WI, USA

- Utilized **Java, JSP, JSF, Spring, Tomcat**, Oracle SQL, JavaScript
- Delivered 511 travel time system, a **Spring** based **RESTful** web application for query and retrieve archived 511 travel time information from database.
- Enhanced real-time traffic exchange **SOAP web services** that aggregated and tracked incidents from different CAD system to IEEE 1512 compliant XML.
- Contributed to Truck Parking Management Information System, a system that used computer vision to provide parking space availability information in rest areas across different state through **RESTful** API.
- Attend stakeholder meetings with WisDOT to offer insights to future features and collect user feedback.