

Sicong (Kevin) Jiang

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TECHNICAL SKILLS

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| 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

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|---|--------------------------------|
| 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

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| 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 (chapter) that's responsible for the Spark mobile app (iOS & Android), contribute to server-driven UI delivered through RESTful API in Node.js and TypeScript • Primary code contributor for revamped roaming data usage experience in Spark mobile app • Migrated legacy JavaScript code to TypeScript | |
| 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. | |

- 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.