

# Sicong (Kevin) Jiang

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## TECHNICAL SKILLS

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

## EDUCATION

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

## EXPERIENCE

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| <b>Spark New Zealand</b>   | Dec 2021 - Now      |
| <i>Software Engineer</i>   | <i>Auckland, NZ</i> |
| <ul style="list-style-type: none"> <li>• Member of a larger mobile app squad (chapter) that's responsible for the Spark mobile app (iOS &amp; Android), contribute to <b>server-driven UI</b> delivered through <b>RESTful API</b> in <b>Node.js</b> and <b>TypeScript</b></li> <li>• Primary code contributor for revamped roaming data usage experience in Spark mobile app</li> <li>• Migrated legacy <b>JavaScript</b> code to <b>TypeScript</b></li> </ul>  |                     |
| <b>Institute of Data</b>   | Jul 2022 - Dec 2022 |
| <i>Assistant Trainer (Part Time)</i>   | <i>Remote, NZ</i>   |
| <ul style="list-style-type: none"> <li>• Worked as an assistant trainer for Software Engineering course and mentored students on relevant technical topics.</li> <li>• Designed and delivered labs on HTML, CSS, JavaScript, React, MongoDB and AWS to facilitate student's understanding on relevant topics.</li> </ul>   |                     |
| <b>Invenco</b>   | Apr 2021 - Dec 2021 |
| <i>NodeJS developer</i>  | <i>Auckland, NZ</i> |
| <ul style="list-style-type: none"> <li>• Worked on a multi-tenant SaaS platform that manages IoT devices, utilizing <b>Node.js</b> and Angular JS</li> <li>• Migrated legacy code base from <b>Java</b> to <b>NodeJS</b>. Improved performance by 60%</li> <li>• Supported and mentored junior members of the team</li> </ul>  |                     |
| <b>Crimson Education</b>   | Oct 2019 - Apr 2021 |
| <i>Full Stack Software Engineer</i>  | <i>Auckland, NZ</i> |
| <ul style="list-style-type: none"> <li>• Delivered multiple multi-locale marketing websites using <b>React</b>, <b>Typescript</b>, <b>Gatsby</b> and StoryBlok (Headless CMS), reducing page load time by 60%.</li> <li>• Designed and implemented RESTful API and infrastructure solution for custom digital classroom that includes video conferencing and e-learning capability using <b>Node.JS (Express)</b> and AWS managed infrastructure with <b>Terraform</b>.</li> <li>• Led development of <b>Serverless</b> application on <b>AWS</b> using <b>Serverless</b> framework that ingest and analyze videos from Zoom cloud and archive in Google Drive</li> <li>• Collaborated closely with stakeholders to prioritize requirements and led multiple projects at the same time.</li> </ul> |                     |

- 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.