

# 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, Azure
Intermediate	React, Terraform, Python, Docker, OpenShift
Desired	Go, Rust, Kotlin

## 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 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> with <b>TypeScript</b>.</li> <li>• Collaborate with cross-functional teams including UX designers, mobile developers, and QA engineers to deliver high-quality products using Agile methodologies.</li> <li>• Primary code contributor for revamped roaming data usage and buy extra experience in Spark mobile app.</li> <li>• Mentored junior members of the team and contributed to knowledge sharing within the team.</li> <li>• Actively participated in code reviews, testing, and deployment activities.</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 a part-time assistant trainer after work three times per week 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>• Participated in production deployment and monitoring using tools like <b>New Relic</b></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> </ul>	

- Implemented pipelines on BuildKite to facilitate continuous integration, testing and deployment of code and infrastructure changes using **AWS SQS** and lambda.
- 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**

July 2016 - May 2019

*Software Engineer*

*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.