

# 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, Postgres, Docker, OpenShift, Kubernetes, Splunk, Java
Learning	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>

- 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, mobile 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 members of the team and contributed to knowledge sharing within the team.
- Actively participated in code reviews, testing, and deployment activities.

<b>Institute of Data</b>	Jul 2022 - Dec 2022
<i>Assistant Trainer (Part Time)</i>	<i>Remote, NZ</i>

- Worked as a part-time assistant trainer after work three times per week 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.

<b>Invenco</b>	Apr 2021 - Dec 2021
<i>NodeJS developer</i>	<i>Auckland, NZ</i>

- 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%
- Participated in production deployment and monitoring using tools like **New Relic**
- Supported and mentored junior members of the team

<b>Crimson Education</b>	Oct 2019 - Apr 2021
<i>Full Stack Software Engineer</i>	<i>Auckland, NZ</i>

- 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.