

Sicong (Kevin) Jiang

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TECHNICAL SKILLS

Certified	AWS Certified Solutions Architect Associate
Experienced	JavaScript, TypeScript, AWS, Node.js, Azure
Intermediate	React, Terraform, Python, Postgres, Docker, OpenShift, Kubernetes, Splunk, Java
Learning	Go, Rust, Kotlin

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>

- 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.

Institute of Data	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.

Invenco	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

Crimson Education	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.