# 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, Docker, OpenShift

Go, Rust, Kotlin **Desired** 

### **EDUCATION**

## University of Wisconsin - Madison Bachelor of Science, Computer Science

2013 - 2016

Madison, Wisconsin, USA

• Major: Computer Science

• Related Coursework: Algorithm & Data Structures, Operating Systems, Networks, Computer Vision, Computer Graphic, Artificial Intelligence, Mobile App Development

### EXPERIENCE

Dec 2021 - Now Spark New Zealand

Auckland, NZ

Software Engineer

- 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 with 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.

Jul 2022 - Dec 2022 **Institute of Data** 

Assistant Trainer (Part Time)

Remote, NZ

- 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.

Apr 2021 - Dec 2021 Invenco

NodeJS developer

Auckland, NZ

- 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

Full Stack Software Engineer

Auckland, NZ

- 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.

- 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 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.