Sicong (Kevin) Jiang

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Technical Skills

Certified	**AWS Certified Solutions Architect Associate**
Experienced	JavaScript, TypeScript, AWS, Node.js, Java
Intermediate	React, Terraform, Python, Postgres, Docker, MongoDB, Linux
Novice	Go, LaTeX, Kubernetes

Education

University of Wisconsin - Madison 2013 - 2016
Bachelor of Science, Computer Science *Madison, Wisconsin, USA*

- **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
Software Engineer *Auckland, NZ*

- Member of a larger mobile app squad (chapter) that's responsible for the Spark mobile app (iOS & Android), contribute to **server-driven UI** delivered through **RESTful API** in **Node.js** and **TypeScript**
- Primary code contributor for revamped roaming data usage experience in Spark mobile app
- Migrated legacy **JavaScript** code to **TypeScript**

Institute of Data Jul 2022 - Dec 2022
Assistant Trainer (Part Time) *Remote, NZ*

- Worked as an assistant trainer 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
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%
- 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**.
- 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.