

# Sicong (Kevin) Jiang

✉ kevin.jiangsc@gmail.com • ☎ +64 28 429 1741 • Auckland, New Zealand  
LinkedIn KevinSJ • Website jiangsc.me • GitHub KevinSJ • CodePen KevinsJ

## SUMMARY

Senior Software Engineer with 8+ years of experience building scalable backend services and cloud infrastructure. Proven track record in designing and delivering high-impact solutions, mentoring junior developers, and driving system performance improvements. Currently seeking Senior/Lead Software Engineer roles to leverage technical leadership and architectural skills.

## TECHNICAL SKILLS

Certifications:	<b>AWS Solutions Architect Associate</b>
Languages:	JavaScript, TypeScript, Go, Java, Kotlin, Python, Bash, L <sup>A</sup> T <sub>E</sub> X
Frameworks:	Express, React, Spring Boot
Cloud & DevOps:	AWS, Azure, GCP, Terraform, Docker, GitHub Actions

## PROFESSIONAL EXPERIENCE

Spark New Zealand	Auckland, NZ
Senior Software Engineer	Dec 2021 - Now
<ul style="list-style-type: none"> <li>Work as a senior software engineer as part of an agile squad that's responsible for Spark and Skinny Jump app on Android and iOS, leveraging <b>TypeScript</b> and <b>Node.JS</b> with <b>Express</b> framework to deliver backend-for-frontend <b>RESTful APIs</b> that integrate with downstream microservices.</li> <li>Collaborated with cross-functional teams, and developed new features for the mobile apps, reducing call center support calls by 40%.</li> <li>Optimized CI/CD pipelines with <b>Azure DevOps</b>, decreasing deployment time by 30%.</li> </ul>	
Java Developer (Secondment)	Sept 2024 - Nov 2024
<ul style="list-style-type: none"> <li>Implemented new SMS features using <b>Drools</b> Rule Engine, enabling 5,000+ automated self-service interactions per day.</li> <li>Refactored and migrated multiple legacy <b>Java 8</b> applications to <b>Java 17</b> and <b>Tomcat 9</b> on <b>AWS elastic beanstalk</b>, improving performance by 20%.</li> <li>Enhanced logging and monitoring using <b>AWS CloudWatch</b>, reducing incident resolution time by 35% .</li> <li>Authored 10+ technical documents, streamlining knowledge transfer and cutting onboarding time by 50%.</li> <li>Provided architectural guidance on system migration, influencing the technical roadmap for future integrations.</li> </ul>	
Institute of Data	Jul 2022 - Dec 2022
Assistant Trainer (Part Time)	Remote, NZ
<ul style="list-style-type: none"> <li>Mentored 10+ students on JavaScript, React, and AWS, through lab sessions and personalized guidance, with 70% successfully transitioned into junior developer roles.</li> <li>Delivered educational content 3x per week, improving student exam pass rates by 30%.</li> <li>Hosted 2 AWS technical workshops, demonstrating cloud best practices and CI/CD pipelines.</li> </ul>	
Invenco	Apr 2021 - Dec 2021
Node.JS developer	Auckland, NZ
<ul style="list-style-type: none"> <li>Migrated legacy code base from <b>Java</b> to <b>Node.JS</b>. achieving 60% faster response times, and improving delivery time by 40% %</li> </ul>	

- Designed and implemented REST APIs for IoT device management, supporting 10,000+ connected devices.
- Supported 3 junior developers, fostering a collaborative environment and boosting team velocity by 20%.

**Crimson Education***Full Stack Software Engineer*

Oct 2019 - Apr 2021

Auckland, NZ

- Delivered 5+ multi-locale marketing websites using **React**, **TypeScript**, **Gatsby** and **StoryBlok** (Headless CMS), reducing page load time by 60%.
- Led the development of a serverless video processing pipeline on **AWS**, processing 500+ videos per day and reducing manual workload by 40 hours/week.
- Completed migration of API server from Heroku to AWS Elastic Kubernetes Service using Terraform and improved overall reliability by 80%.

**Transportation Operations and Safety Lab, University of Wisconsin Madison***Software Engineer*

July 2016 - May 2019

Madison, WI, USA

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**EDUCATION****University of Wisconsin - Madison***Bachelor of Science, Computer Science*

2013 - 2016

Madison, Wisconsin, USA

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**LEADERSHIP & MENTORSHIP**

- Mentored 10+ junior developers across multiple organizations.
- Delivered 5+ technical workshops on AWS and microservices.
- Contributed to 3+ open-source projects on GitHub.

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**References available upon request**