

# Sicong (Kevin) Jiang

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

## SUMMARY

Senior Software Engineer with 10+ 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.js, React, Spring Boot
Cloud & DevOps:	AWS, Azure, GCP, Terraform, Docker, Kong, GitHub Actions, OpenShift

## PROFESSIONAL EXPERIENCE

<b>Bank of New Zealand</b> Senior Developer - Digital Channels	Sept 2025 - Now Auckland, NZ
<ul style="list-style-type: none"> <li>Work as the lead backend software engineer as part of an agile squad that's responsible for multiple features in the BNZ app and website, leveraging <b>Java Spring Boot</b> framework to deliver backend-for-frontend (BFF) <b>RESTful APIs</b> that integrate with downstream microservices.</li> <li>•</li> </ul>	
<b>Spark New Zealand</b> Technical Devops Lead	Auckland, NZ Jun 2025 - Sept 2025
<ul style="list-style-type: none"> <li>Defined and enforced coding standards and architectural best practices across internal squads and external vendors, improving code quality and consistency.</li> <li>Audited third-party vendor outputs for compliance, mitigating technical risks and safeguarding intellectual property in an outsourced development model.</li> <li>Drove continuous improvement through adoption of emerging technologies, enhanced monitoring practices, and reduction of technical debt.</li> </ul>	
<b>Senior Software Engineer</b>	Dec 2021 - Jun 2025
<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.js</b> framework to deliver backend-for-frontend (BFF) <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>Resolving development and deployment challenges through cross-functional collaboration, and facilitated seamless communication between technical and non-technical stakeholders.</li> <li>Enhanced deployment pipelines with security best practices on OpenShift.</li> </ul>	
<b>Java Developer (Secondment)</b>	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> </ul>	

- Refactored and migrated multiple legacy **Java 8** applications to **Java 17** and **Tomcat 9** on **AWS elastic beanstalk**, improving performance by 20%.
- Enhanced logging and monitoring using **AWS CloudWatch**, reducing incident resolution time by 35% .
- Authored 10+ technical documents, streamlining knowledge transfer and cutting onboarding time by 50%.
- Provided architectural guidance on system migration, influencing the technical roadmap for future integrations.

#### Institute of Data

*Assistant Trainer (Part Time)*

Jul 2022 - Dec 2022

Remote, NZ

- Mentored 10+ students on JavaScript, React, MongoDB, and AWS, through lab sessions and personalized guidance, with 70% successfully transitioned into junior developer roles.
- Delivered educational content 3x per week, improving student exam pass rates by 30%.
- Hosted 2 AWS technical workshops, demonstrating cloud best practices and CI/CD pipelines.

#### Invenco

*Node.JS developer*

Apr 2021 - Dec 2021

Auckland, NZ

- Migrated legacy code base from **Java** to **Node.JS**. achieving 60% faster response times, and improving delivery time by 40% %
- 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

## EDUCATION

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#### University of Wisconsin - Madison

*Bachelor of Science, Computer Science*

2013 - 2016

Madison, Wisconsin, USA

## LEADERSHIP & MENTORSHIP

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- 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**