

Sicong (Kevin) Jiang

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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:	AWS Solutions Architect Associate
Languages:	JavaScript, TypeScript, Go, Java, Kotlin, Python, Bash, L ^A T _E 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"> 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 TypeScript and Node.JS with Express framework to deliver backend-for-frontend RESTful APIs that integrate with downstream microservices. Collaborated with cross-functional teams, and developed new features for the mobile apps, reducing call center support calls by 40%. Optimized CI/CD pipelines with Azure DevOps, decreasing deployment time by 30%. 	
Java Developer (Secondment)	Sept 2024 - Nov 2024
<ul style="list-style-type: none"> Implemented new SMS features using Drools Rule Engine, enabling 5,000+ automated self-service interactions per day. 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	Jul 2022 - Dec 2022
Assistant Trainer (Part Time)	Remote, NZ
<ul style="list-style-type: none"> Mentored 10+ students on JavaScript, React, 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	Apr 2021 - Dec 2021
Node.JS developer	Auckland, NZ
<ul style="list-style-type: none"> 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

University of Wisconsin - Madison

Bachelor of Science, Computer Science

2013 - 2016

Madison, Wisconsin, USA

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.

References available upon request