



Jimmy Cann

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Profile

Senior Software Engineer specialising in Golang, Node.js and cloud infrastructure on AWS and GCP. Expert in building resilient backend systems, microservices and delivering complex third-party integrations. Combining hands-on technical execution with experience collaborating across cross-functional teams to deliver high-availability software for large-scale platforms.

Skills

Backend: Golang, Node.js, gRPC, Microservices, RESTful APIs

Frontend: React, Next.js TypeScript, JavaScript, Tailwind CSS, HTML5/CSS3

Cloud & Infrastructure: AWS (Lambda, ECS, SQS, SNS, API Gateway), GCP, Kubernetes, Terraform, CI/CD

Work Experience

Ironstar, API Development Lead

Melbourne, VIC

Oct 2018 – Feb 2026

- Co-founded Ironstar to provide high-availability hosting and security services for enterprise and government-level digital experiences (Drupal, Node.js, Laravel)
- Developed a resilient backend API in Golang for internal and client interaction with a Kubernetes-based hosting platform, focusing on future-proof scalability
- Built a modern UI using Next.js, exposing complex infrastructure management and API functionality to end-users through an intuitive dashboard
- Delivered critical technical expertise for a major international sporting event, supporting real-time scoring systems and ensuring zero-downtime operations during high-traffic periods

ANZx, Senior Software Engineer

Melbourne, VIC

Nov 2022 – Aug 2024

- Developed and maintained backend applications for the ANZx card management system, ensuring the reliability and performance of core banking services
- Engineered scalable services on Google Cloud Platform (GCP) using Golang and gRPC, optimising high-throughput communication across the ANZx microservices architecture
- Contributed to technical discussions and code reviews, helping maintain high-quality code standards and testing practices within the engineering team
- Collaborated within an Agile framework, participating in sprint planning and retrospectives to ensure the timely delivery of card management features

Latitude Financial Services , Senior Software Engineer	Melbourne, VIC Aug 2021 – Nov 2022
<ul style="list-style-type: none"> Developed and deployed real-time microservices in Go to enhance operational efficiency within Latitude's Collections domain Engineered integrations between Experian, Salesforce and on-premises systems, leveraging a suite of AWS services such as API Gateway, Lambda, ECS, SQS and SNS Optimised communication between key fintech services through custom Golang microservices, contributing to improved operational performance and customer service quality Collaborated effectively in a fast-paced engineering environment, designing, developing, testing and deploying complex software solutions for a leading digital lender 	
National Australia Bank , Senior Analyst Engineer	Melbourne, VIC Dec 2019 – Aug 2021
<ul style="list-style-type: none"> Led the technical transformation of the API Portal stack, elevating its capabilities and modernising its architecture Spearheaded a major frontend refactor, migrating the React-based client-side rendered portal to server-side rendered Next.js, enhancing performance and developer productivity Championed the adoption of Cypress for end-to-end testing, replacing legacy Selenium and improving test coverage and reliability Orchestrated the implementation of local development environments, reducing dependency on staging and improving feature iteration speed 	
The Royals , Tech Lead	Melbourne, VIC Dec 2018 – Dec 2019
<ul style="list-style-type: none"> Led the development team and set the technical direction for client projects Engaged in day-to-day engineering tasks utilizing React (Gatsby/Next.js) and Node.js Collaborated on pitches for notable clients including AustralianSuper, Mercedes Benz, and RedZed Contributed to the creative agency's success in delivering innovative solutions for brands like Grill'd and Spotify 	
Officeworks , Tech Lead	Melbourne, VIC Nov 2017 – Dec 2018
<ul style="list-style-type: none"> Technical lead for the replatforming of Officeworks front-end from jQuery to React and back-end from IBM WebCommerce to NodeJS microservices Designed infrastructure and applications for commercial-scale systems, ensuring transition without downtime Collaborated with UX/CX specialists and senior stakeholders to develop innovative solutions, enhancing user experience 	

Languages

English, Japanese

References

Available on request