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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

- 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

Melbourne, VIC
Aug 2021 – Nov 2022

National Australia Bank, Senior Analyst Engineer

- 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

Melbourne, VIC
Dec 2019 – Aug 2021

The Royals, Tech Lead

- 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

Melbourne, VIC
Dec 2018 – Dec 2019

Officeworks, Tech Lead

- 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

Melbourne, VIC
Nov 2017 – Dec 2018

Languages

English, Japanese

References

Available on request