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Results-driven Senior Software Engineer with 5+ years of experience crafting scalable, high-performance interfaces using React and TypeScript. Proven track record of owning end-to-end systems, driving UX innovation, and leading teams in fast-paced startup environments. Adept at solving complex challenges with modern tooling, mentoring talent, and delivering measurable business impact—passionate about building products users love.

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- **Frontend:** React, TypeScript (ES6+), Next.js, Zustand, Redux, Angular, Tailwind, Sass, Vite, Jest, Cypress, Storybook
  - **Backend:** Node.js (Express), NestJS, Java (Spring Boot), Go, GraphQL, PostgreSQL, MySQL, Kafka, BullMQ
  - **Infra & Ops:** AWS (ECS, Lambda, CloudWatch), Docker, Keycloak, BullMQ, Datadog, CI/CD (TeamCity, GitHub Actions, Octopus Deploy)
  - **Testing & Tooling:** Jest, Vitest, React Testing Library, Cypress, Storybook, Figma
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**GLX Digital** *(Jan 2025 – Present)***Senior Software Engineer**

- Architected AI-powered frontend features with React, TypeScript, and AWS Bedrock, enabling intelligent form autofill, entity contextual awareness, dynamic filtering on system entities and providing deep insights into customer data dispensing real-time cost-saving suggestions such as adjusted vessel speeds to reduce fuel costs, arrival ETAs and estimated port wait times.
- Transformed a monolithic 3000-line notification service into a modular, asynchronous system using BullMQ, enabling fire-and-forget delivery, cutting query response times by at least 30%, and enhancing code readability by distributing logic across entity-specific services. Integrated Datadog for robust logging and tracing, simplifying issue resolutions.
- Engineered an in-memory caching solution for Keycloak lookups, eliminating repetitive network calls, decreasing auth service load and accelerating backend service call speeds.
- Played a pivotal role in establishing an offshore development team, assisting the engineering manager with technical interviews, designing onboarding processes, and mentoring 5+ remote engineers to accelerate team ramp-up and enhance code quality.

**Bankwest** *(Feb 2023 – Jan 2025)***Software Engineer**

- Led the adoption of a micro-frontend architecture using Angular and TypeScript across 4 teams, enabling independent deployments for broker-facing products and reducing merge conflicts by 60%. This accelerated release cycles in a high-stakes banking environment.
- Optimised performance of broker portal applications with lazy loading and code splitting, cutting initial load times by 40% and achieving Lighthouse scores of 95+ for critical workflows serving thousands of brokers daily.
- Revamped a major UI component library with Tailwind CSS and Storybook, enforcing bank-grade design consistency and slashing frontend delivery time for a team of 20+ engineers working on broker tools.
- Designed fault-tolerant Java microservices powering a broker-facing banking portal, ensuring 99.9% uptime for over 1 million users while meeting enterprise reliability standards.
- Mentored multiple graduate developers on rotation, accelerating their ramp-up and doubling feature output within 6 months.

**EXTAG (Jan 2022 - Feb 2023)****Software Engineer**

- Engineered a custom offline-first sync mechanism for the system using Service Workers and IndexedDB, enabling seamless functionality in low-connectivity environments and boosting user retention for field technicians.
- Built a real-time asset dashboard with React and Mapbox, becoming the app's flagship feature and transforming user interaction with asset data.
- Slashed certain API response times by 80% via query optimization, enhancing the experience for 1000+ daily users.
- Boosted end-end test coverage by 30% with Cypress and frontend test coverage by 15% using Jest.
- Mentored 2 junior engineers to promotion, increasing team output through pair programming and best-practice training.

**ContextGG (Oct 2019 - Jan 2022)****Software Engineer**

- Engineered React features with Redux, improving code modularity and reducing render times while collaborating closely with senior developers to adopt best practices, such as memoization, virtualisation and debouncing.
- Coordinated a user onboarding revamp with product and design, dropping churn rates by 25% in 3 months.
- Enhanced payment systems with Node, GraphQL, and Stripe ensuring secure, scalable transactions.
- Built a reusable component library from scratch, shortening feature development and unifying UX across the platform.

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**Bachelor of Computer Science**

Edith Cowan University, 2019 - 2022

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**Projects****No\_Ops**

React, Go, GraphQL, Docker, AWS

- Assisted in innovating new patterns & practices for Platform Engineering by building a DevOps abstraction tool which enabled teams to deploy cloud resources with less manual setup and better consistency.
- Collaborated closely with the AWS Startup program and solution architects to leverage cutting-edge resources and expertise.
- React based frontend with live webhook updates, Go-based backend using event sourcing and CQRS. GraphQL API, Go-based CLI for pipelines and power users.
- Worked directly with customers to understand their needs and requirements, ensuring the product met and exceeded expectations