MICHAEL IGNAT

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Summary

• Fullstack engineer with a frontend focus and 5+ years of experience delivering fast, clean, and user-facing features. I've worked across React, TypeScript, GraphQL, NestJS and Java to build everything from AI-powered tools to high-traffic dashboards. I care about performance, clear UX, and shipping things that actually help people.

Skills

- **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, React Testing Library, Cypress, Storybook, Figma

Experience

Senior Software Engineer — **GLX DIGITAL** — **Jan 2025 - Current**

- Built new AI-assisted features using AWS Bedrock and Vercel AI SDK, enabling intelligent form autofill by parsing on-screen elements and mapping them to system data from uploaded PDFs. Delivered seamless frontend workflows in React/TypeScript integrated with a GraphQL/NestJS backend.
- Led a major refactor of the system-wide notification service to overhaul broken permission logic and resolve silent delivery failures. Re-architected the flow to be truly asynchronous via BullMQ, decoupling notification delivery from service response times and reducing latency across key user flows.
- Implemented in-memory caching for Keycloak-based user role/permission checks, reducing load on critical auth infrastructure and significantly improving system response times for notification services.
- Helped build and scale our offshore engineering team by leading onboarding, providing ongoing technical mentorship, and participating in interviews and code review assessments. Accelerated team ramp-up and improved bug resolution during QA cycles through hands-on support and knowledge sharing.
- Used Datadog DBM and Query Metrics to identify slow database queries and backend bottlenecks, creating dashboards and actionable alerts to surface real pain points. Improved alert signal-to-noise ratio, reducing unnecessary noise and helping the team focus on true performance issues.

Software Engineer — **BANKWEST** — **Feb 2023 - Current**

- Led the development of Angular-based micro-frontends across 4 teams (20+ engineers), enabling independent deploys and reducing code conflicts while maintaining a unified user experience.
- Designed fault-tolerant microservices in Java (Spring Boot) to handle complex business logic across distributed systems, improving system resilience and integration consistency.
- Overhauled an internal UI component library using Tailwind and Storybook, driving adoption across teams and speeding up frontend delivery. Also mentored junior developers on design patterns and team standards.
- Guided multiple graduate and junior developers through onboarding, offering mentorship on company processes, technical skills, and best practices. Fostered a collaborative environment, enabling their rapid integration and contribution to projects.
- Built a reusable frontend logging package adopted by multiple SPAs to forward errors to Splunk, improving visibility and debugging reliability for production-facing apps.

Software Engineer — **EXTAG** — **Jan 2022 - Feb 2023**

- Designed and built an interactive Mapbox powered dashboard to visualise on-site assets in real time, using tiles, polygons, and geolocation markers. Became the most-used screen in the app, helping tradesmen locate items faster and enabling managers to monitor deployments with greater accuracy and ease.
- Reduced API response times by up to 80% by redesigning endpoints serving asset location and telemetry data. Optimised database queries and minimised payloads to support faster map rendering and smoother client-side interactions.
- Conducted performance profiling and optimised React components by addressing unnecessary renders and implementing memoization.
- Improved test coverage by 30% and added Cypress E2E tests across key user flows. Also introduced Storybook for faster UI testing and dev handoff.

Software Engineer — **ContextGG** — **Oct 2019 - Jan 2022**

- Built and optimised React components for core product features, improving frontend code clarity and reuse.
- Contributed to backend systems in Go using CQRS/event sourcing, supporting secure payments and service orchestration.
- Implemented global state management with Redux, ensuring efficient state handling and minimizing unnecessary re-renders.
- Worked closely with product and QA to debug user-facing issues in production, using CloudWatch logs and trace analysis to surface bugs and reduce report turnaround times.

Education

- **Bachelor of Computer Science**, Edith Cowan University — (2019 – 2022)

Projects

React, Go, GraphQL, Docker, AWS **No_Ops**

- Co-built a DevOps abstraction tool with a React frontend and Go-based backend, streamlining AWS infrastructure setup through real-time config forms, GraphQL APIs, and a CLI (Cobra). Enabled internal teams to deploy cloud resources with less manual setup and better consistency.
- Backend consists of Go-based microservices using event sourcing and CQRS patterns, Stripe for payment processing, and used AWS SDK to dynamically generate CloudFormation Stacks and StackSets.