



MICHAEL IGNAT

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Summary

- Extremely driven engineer that is a proven individual contributor and thrives when working in a team. Seeking to further expand full-stack capabilities while also solidifying current skills.

Skills

- TypeScript (ES6+) | Java | Go | React | Next | Angular | Node (Express) | C# .NET | AWS (ECS, Lambda, CloudWatch, CloudFormation)
- GraphQL | Kafka | Docker | Postgres | MSSQL | Tailwind | Sass | Jest | Cypress | Maven | Gradle | TeamCity | Octopus Deploy | Storybook
- Figma | Webpack | Rollup | GitHub Actions

Experience

Software Engineer

BANKWEST

Feb 2023 - Current

- Led the development of **micro-frontend Angular** projects, enabling scalable, modular applications while ensuring seamless integration with existing systems. This approach improved maintainability and independent deployment of application features.
- Designed and optimized high-performance, fault-tolerant microservices in **Java (Spring Boot)**, addressing intricate business logic and edge cases, while ensuring coherent integration, scalability, and reliability across distributed systems.
- Overhauled and led the development of an internal UI component library, widely adopted by multiple teams, utilising **Tailwind** to ensure consistent styling and rapid development across projects.
- 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.
- Engineered a reusable UI logging package for internal use, enabling adoption by Single Page Applications (SPAs). The package facilitates the forwarding of client-side exceptions to **Splunk**, enhancing error tracking and system reliability for frontend applications.
- Implemented and maintained CI/CD pipelines using **TeamCity** and **Octopus Deploy**, automating build, test, and deployment processes to improve delivery speed and reliability.

Software Engineer

EXTAG

Jan 2022 - Feb 2023

- Visualised complex client data in **React** by integrating third-party services like Mapbox, transforming raw data into geographical tiles, polygons, and markers for interactive, real-time maps.
- Designed, implemented, and optimized scalable API endpoints using **Node.JS (Express)**, reducing key request times by up to 80%.
- Conducted performance profiling and optimized **React** components by addressing unnecessary renders and implementing memoization.
- Spearheaded the refactoring of legacy code, improving maintainability and code structure by applying modern development practices.
- Refactored and enhanced frontend unit testing using **Jest** and **React Testing Library**, resulting in a 30% increase in test coverage. Extended end-to-end testing with **Cypress** to cover user flows and assisted with integrating **Storybook** to streamline UI component testing and documentation.
- Enhanced client dashboard metrics with statistical visualizations and shortcuts, improving user workflows through intuitive interfaces.

Software Engineer

ContextGG

Oct 2019 - Jan 2022

- Developed and optimized front-end features using React, focusing on common code refactoring and clean code organization.
- Collaborated with senior engineers to implement **Go**-based microservices, leveraging **event sourcing** and **CQRS** patterns.
- Implemented global state management with **Redux**, ensuring efficient state handling and minimizing unnecessary re-renders.
- Assisted in developing a payouts feature for tournament winnings - integrating PayPal account linking for secure payments.
- Monitored and troubleshooted application logs with **AWS CloudWatch**, identifying and resolving performance bottlenecks.
- Participated in Agile development processes, contributing to sprint planning, standups, and code reviews to ensure team collaboration.

Education

Bachelor of Computer Science

Edith Cowan University

Jul 2019 - Jul 2022

- Major in Software Engineering

Projects

React, Go, GraphQL, Docker, AWS

No_Ops

- Assisted in building a comprehensive AWS DevOps abstraction tool, from the ground up. Designed and developed the frontend in React, incorporating real-time updates with webhooks, global state management with Recoil, and API integration with GraphQL code-gen. Created complex forms for infrastructure setup, seamlessly mapped to AWS parameters.
- 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.
- Developed a CLI tool with Cobra for advanced users and CI/CD pipeline automation.

Referees

- Available upon request.