



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 | Angular | Node (Express) | C# .NET | AWS (ECS, EC2, 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. This initiative streamlined the UI development process and promoted design consistency across the organization.
- Guided multiple graduate 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, enhancing overall team productivity.
- 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

- Designed, implemented and refactored scalable API endpoints using **NodeJS** (Express), decreasing certain request times by **80%**.
- Visualised complex on-site client data using third-party map integrations, manipulating data into geographical tiles, polygons and markers with Mapbox in **React**.
- Overhauled and simplified previous unit testing implementations, increasing frontend unit test coverage by **30%** using **Jest** and **React Testing Library**. Extended end-to-end testing using **Cypress**. Assisted in implementing and revising previous tests with **Storybook**.
- Enriched client metrics by integrating statistical views and shortcuts with a user dashboard, driving average user workflow up by **15%**.
- Performed common agile practices, pull requests and code reviews.

Level 2 IT Support Technician

Virtuosys IT

Jun 2018 - Nov 2021

- Used analytical and troubleshooting skills to reach new solutions, actively preventing problems from repeatedly appearing.
- Explained technical concepts to non-technical clients or teammates, ensuring that other cross-functional members are able to understand technical challenges.

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.