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Anthony Francis

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Senior Software Developer with 8+ years of experience building high-availability retail infrastructure, software, and apps. Combining a keen eye for design, a passion for customer experience, and a systems engineering approach to software -- understanding the entire process from user need to business outcome, seeking the simplest solution with the greatest value. Experienced in modernising legacy systems, reducing operational costs, and delivering reliable, maintainable software.

Languages

TypeScript/JavaScript, Go, C#, C, Swift, Kotlin, SQL

Frameworks

Webpack, Node, Express, React, React Native, .NET Core, Docker, Bash, PowerShell

AWS Stack

CloudFormation, DynamoDB, EC2, ECS, RDS, S3, Lambda, Secrets Manager, Route 53

Databases

SQL Server, MySQL/MariaDB, Redis, AWS DynamoDB

Officeworks Aug 2021 - Present

Senior Developer

- Led the integration of AI LLMs into the development & code review process, allowing for easy identification and remediation of missed bugs
- Implemented smart caching and request routing for overloaded SAP infrastructure to reduce slow loading times at peak periods
- Identified and implemented cost-saving measures in cloud infrastructure, including demand-based scaling and consolidation of microservices, saving tens of thousands of dollars each year
- Ensured continuity of service during migration of PDT devices from iOS to Android, integrating new hardware with existing apps
- Performed Pentest/Audit remediation, added code linting infrastructure, and contibuted to unit testing, improving developer coding experience, and ensuring PCI compliance

Officeworks Jul 2018 - Aug 2021

Developer

- Migrated 5+ internal-facing HTML/CSS/JS Cordova iOS apps to React Native while maintaining 100% uptime and functionality
- Designed and implemented supporting AWS architecture for the internal apps using a code-as-architecture CloudFormation approach
- Developed several internal-facing dashboards to automate previously manual processes & save stakeholders many work hours
- Spearheaded the design and implementation of several Click & Collect features to reduce customer waiting time and increase NPS
- Collaborated with external vendors to implement custom wrappers for hardware integrations

Officeworks Sep 2017 - Jul 2018

Junior Application Developer

- Supported & developed internal HTML/CSS/JavaScript Cordova iOS apps
- Developed & maintained Nightwatch automated tests
- Investigated integrating electronic shelf-edge label technology into internal apps