

William Sykes

Intermediate Full-stack Software Developer

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SUMMARY

Full stack developer with 5 years of experience building and shipping web, mobile, and backend applications. Expert in React (TypeScript), .NET Core (C#), and Flutter (Dart). Proven track record of owning projects end-to-end - from clean UIs and robust APIs to scalable databases and live deployments.

EDUCATION



Bachelor of Science in Mathematical Sciences (Computer Science)

[Stellenbosch University](#)

📅 2016 - 2020

EXPERIENCE



Intermediate Full stack Developer

[ThinkNinjas](#)

📅 2020 - Present

ThinkNinjas is a software development company, focused on building internal web and mobile applications for a diverse range of clients. As a full-stack developer, I am responsible for building, deploying and maintaining these applications to support business processes.

- **Built scalable full-stack applications using React, Flutter, and .NET Core**, including both public-facing tools and internal enterprise systems.
- **Built optimized relational database architectures** with indexing strategies, stored procedures, and triggers to ensure high performance and data consistency across web and mobile applications.
- **Cut monthly third-party API costs** by consolidating fragmented calls, eliminating redundant requests, and implementing record-level filtering - eliminating thousands of daily API calls and freeing up server resources for core application functions.
- **Reduced Google Cloud Storage expenses** by developing an API-driven system to flag stale records and automate migration from Standard to Archive storage - balancing cost-efficiency with data retention requirements.
- **Added automated GitLab CI/CD pipelines** to optimize deployment processes, reduce production bugs and minimize application downtime.

SKILLS

Client-Side

React	TypeScript	JavaScript	
Redux	Flutter	Dart	HTML5
SCSS	Material-UI		
Responsive Design			
Mobile-first Design			

Server-side

.NET Core	C#	EF Core
JWT/OAuth2	MySQL	Firestore
Firebase	RESTful APIs	

Development & Operations

XUnit	Moq	GIT
Google Cloud Platform		GitLab
GitLab CI/CD	YAML	NPM
Android & iOS App Deployment		

LANGUAGES

English	Native
Afrikaans	Working Proficiency