

Timothy Johnson

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Software engineer with over 6 years of experience building modern web services and mobile/web applications. Frontend and backend experience in TypeScript/JavaScript, React, React Native, Python, and Scala. Strong analytical, creative problem-solving, and written communication skills.

PROFESSIONAL EXPERIENCE

YOCO TECHNOLOGIES

Cape Town, South Africa

Senior Software Engineer

February 2023 - Present

- Led development of cross-platform React Native features using TypeScript, achieving ~90% code reuse across web, iOS, and Android.
- Collaborated with engineers, product managers, and product designers to design, develop, test, and maintain the merchant compliance system for over 200,000+ merchants.
- Introduced AI-assisted development workflows that improved team delivery speed by 30%.

YOCO TECHNOLOGIES

Cape Town, South Africa

Software Engineer

April 2020 - February 2023

- Reduced manual support workload by 90% by designing and implementing a 2FA-based system enabling users to securely update sensitive account details.
- Led a team of 3 engineers to decompose a monolithic codebase into reusable packages, improving maintainability and enabling cross-team platform reuse.
- Designed, built, tested, and maintained a new signup service improving onboarding performance by over 50% through customisable user journeys.

COMMON GROUND

Cape Town, South Africa

Website & Media Administrator

January 2016 - December 2019

- Streamlined operational processes and automated manual workflows to improve efficiency.
 - Developed and maintained websites using WordPress, HTML, CSS, and JavaScript.
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EDUCATION

INDEPENDENT INSTITUTE OF EDUCATION

Cape Town, South Africa

Diploma in Information Technology (Software Development)

January 2017 - April 2020

SKILLS

- **Languages:** TypeScript, JavaScript, Python, Scala
- **Frontend:** React, React Native
- **Backend:** REST APIs, event-driven architecture
- **Testing:** E2E, integration, and unit testing, CI/CD
- **Infrastructure:** Git, Docker, Kubernetes, AWS