



Milahn Martin

Junior Software Engineer

Profile

Cum Laude honours graduate with 1.5 years of full-stack experience. Collaborated with Yoco Technologies PTY LTD to enhance their dynamic website and build backend tools for their commercial team. Known for delivering high-quality solutions and a passion for continuous learning in the tech landscape. Ready to bring innovative and efficient solutions to your projects.

Employment History

Junior FullStack Engineer at TeamGeek PTY LTD, Cape Town

February 2024 — May 2024

Client Collaboration

Worked with Yoco Technologies PTY LTD, a prominent startup, to enhance their intricate and dynamic website.

Website Development

- Played a crucial role in developing and improving Yoco's website.
- Collaborated with a talented team to create a robust and user-friendly platform.
- Implemented features using modern frameworks and libraries such as React.js, Next.js, and Tailwind CSS for a seamless user experience.

Backend Services

- Built helper services for Yoco's commercial team using Python frameworks like Django and FastAPI.
- Developed reliable and scalable backend solutions to streamline processes, automate tasks, and gain data insights.

Task Queue Management

- Implemented Celery to handle asynchronous tasks and background processes.
- Decoupled time-consuming tasks from the main application, ensuring optimal performance and responsiveness.

Performance Monitoring

- Utilized Sentry and logs to monitor website and backend performance.
- Proactively identified and resolved potential bugs, ensuring a stable user experience.

Noteworthy Contribution

- Key developer of a visual birdseye view editor for Yoco's Product Finder Component.

Details

Pretoria

South Africa

0724469767

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Links

[github](#)

[LinkedIn](#)

[Portfolio](#)

Skills

Git

TypeScript

Python

Vue

React

Tailwind CSS

Golang

SQL

NoSQL

Languages

Afrikaans

English

Hobbies

Paddle Tennis, Gym, Hiking, traveling, Exploring, and Projects

- Empowered Yoco to visualize and optimize the user journey, significantly enhancing their product and user experience.

Through my work at TeamGeek PTY LTD, I demonstrated strong collaboration, technical expertise, and dedication. I played a significant role in supporting Yoco Technologies PTY LTD's growth and success, particularly through the development of the visual birdseye view editor.

Junior FullStack Engineer at FREI PTY LTD, Pretoria

February 2023 — January 2024

Web Application Development Played a pivotal role in developing and maintaining web applications, emphasizing both front-end and back-end development.

Front-End Development

- Utilized Vue3, Pinia, Firebase, Tailwind CSS, and Bootstrap to create intuitive and visually appealing user interfaces.
- Crafted user-facing aspects of applications, ensuring seamless user experiences.

Back-End Development

- Specialized in Node.js and TypeScript to design and implement robust server-side applications.
- Created RESTful APIs to facilitate data retrieval, storage, and manipulation, ensuring smooth software functioning.

Quality Assurance

- Integrated unit testing using Chai and Mocha to maintain the reliability and stability of software.
- Ensured high-quality back-end code through rigorous testing practices.

Deployment Management

- Deployed applications into production environments using PM2 for managing the deployment process.
- Configured servers, load balancing, and monitored service health for optimal performance.

Noteworthy Contribution

- Developed an NPM package encapsulating reusable logic for both front-end and back-end development.
- Streamlined the development process, enhanced code reusability, and saved time and effort for the entire team.

My tenure at FREI PTY LTD required a deep understanding of front-end and back-end technologies, rigorous testing practices, and a commitment to delivering high-quality, maintainable, and efficient software solutions. My contributions were instrumental in achieving the company's objectives and mission.

🎓 Education

Menlopark High School

Matriculated in 2019.

BSc IT (Software Engineering), Eduvos, Pretoria

January 2020 — December 2022

Graduated with Cum Laude.

BSc IT (Software Engineering) Honours, Eduvos, Midrand

January 2023 — November 2023

Graduated With Cum Laude. Awarded Best SOA project by Doctoral Panel.

★ Project Achievements

Yoco.com, Cape Town

January 2024 — May 2024

As part of the development team at TeamGeek PTY LTD, I contributed to the enhancement of yoco.com, the flagship website for Yoco Technologies PTY LTD, a prominent startup in the industry. Leveraging modern technologies including React.js, Next.js, Tailwind CSS, and Postgres, we improved the website's functionality and user experience. My role involved collaborating with a talented team to develop and implement features, streamline backend processes using Python frameworks like Django and FastAPI, and ensure optimal performance through task queue management with Celery. Additionally, I played a key role in developing a visual birdseye view editor for Yoco's Product Finder Component, empowering Yoco to enhance their product and user experience. Through this project, I demonstrated strong collaboration, technical expertise, and dedication to supporting Yoco Technologies PTY LTD's growth and success.

📖 References

References available upon request