Schalk Griebenow

Curriculum Vitae

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Education

2014-2016	**BSc Computer Science**, *Stellenbosch University*, Stellenbosch.
2017	**BSc(Hons) Computer Science**, *Stellenbosch University*, Stellenbosch.

Experience

Employment

Apr 2024 - Current

Frontend Lead Developer, *Wyzetalk*, Stellenbosch, Cape Town.

I'm the single frontend lead on a new greenfield product, responsible for all architectural and technical decisions, framework selection, and implementation of core features. I helped design and then built a scalable, maintainable codebase using React and modern tooling.

I'm focused on responsiveness, accessibility, and performance optimisation to ensure seamless experiences across devices. I collaborated closely with the lead designer to translate Figma designs into production-ready UI components, maintaining design consistency and best practices. I implemented unit tests and Storybook to uphold code quality and minimise regressions.

I championed frontend best practices, code reviews, and documentation to promote maintainability and scalability as the product grows, working autonomously while coordinating with backend and design leads to align product vision and delivery timelines.

- React
- CSS, SCSS
- Vite, ESLint
- JavaScript, Typescript
- Node JS
- Kubernetes, Docker

Sep 2020 - Mar 2024

Intermediate React Developer, *Somerset Dynamics*, Somerset West, Cape Town.

I developed and maintained CMS portals using React, ensuring responsiveness, accessibility, and cross-browser compatibility. I also collaborated with designers to translate UI/UX wireframes into polished interfaces.

Some of my responsibilities were integrating with backend services and REST APIs to deliver efficient content management systems and contributing to AWS infrastructure setup and deployments. Including S3 and Amplify.

I led initiatives on best practices, code reviews, and documentation, improving team standards and onboarding. Lastly, I managed bug fixes, dependency updates, and library upgrades to ensure application stability and maintainability.

- React
- CSS, SCSS
- AWS Amplify, S3
- JavaScript, Typescript
- Node JS
- REST API

Feb 2018 - Aug 2020 **Mobile Developer**, *4i Methys*, Stellenbosch, Cape Town.

I was primarily responsible for mobile app development. I also maintained and developed new features in existing native mobile projects. While working mostly in isolation, my responsibilities included deployment, ramp-up for new mobile developers in the company, and assisting in the quality assurance process. The agile development process was used with stand-ups, sprint planning, and project scoring using Jira.

- React Native
- Android (Java)
- CSS
- JavaScript
- iOS (Objective-C)
- SQL

Vocational

November 2016 **Intern**, *MWR InfoSecurity*, Rivonia, Johannesburg.

Learned the basics of using Kali Linux for penetration testing on web applications as well as preventing some forms of cyber attacks on web applications.

June/July 2016 **Intern**, *Alphawave Software and Electronics (formerly known as EMSS Consulting)*, Stellenbosch, Cape Town.

Worked for one month during the June/July holiday at EMSS Consulting doing the integration between a web application and mobile application for a company called Honeybee. During this period I coded mostly in Python and wrote configuration files and testing for handling data received from multiple servers.

December 2015 **Intern**, *Shoprite*, Brackenfell, Cape Town.

Worked for one month at Shoprite (Head office), doing mobile and backend development as well as integrating with REST web services.

Miscellaneous

2016-2017 **Demi/Tutor**, *Stellenbosch University*, Stellenbosch, Cape Town.

Assisted 1st year engineering students with bridging course in C (programming language), Computer science 114 (Introduction to Java programming) and Computer science 214 in Java (Algorithms and data structures).

Languages

Afrikaans	First language	Use it at home.
English	Second language	Use it in the working environment.

Programming Languages

Programming Languages.

- JavaScript,Typescript
- Java
- CSS, SCSS
- SQL
- Objective-C
- HTML 5

Frameworks, Libraries, and Technologies.

- React
- Next.js
- Material UI
- MongoDB
- Node JS
- Express
- NPM
- Git
- Vite, ESLint, Prettier
- React Native
- TailwindCSS
- REST API
- Vercel, Netlify
- Docker
- Kubernetes
- AWS, S3
- Bitbucket

Personal Summary

I am a dedicated and persevering individual committed to consistently delivering high-quality work. Reliability is a cornerstone of my professional approach, complemented by strong interpersonal relationships with colleagues and friends. Guided by firm principles, I excel at project follow-through and logical thinking, maintaining a positive outlook on life with self-confidence.

Interests

Fitness and Health
Believing in the importance of balance, I showcase my dedication and determination not only in my professional life but also in maintaining a healthy lifestyle. Whether through running, going to the gym, hiking, or engaging in outdoor sports activities, my commitment to a well-balanced life is evident in both my personal and professional endeavours.

Gaming
I enjoy playing computer games with friends or on my own when I want to relax or have fun without going outside.

Music
I'm a strong music enthusiast and enjoy listening to all types of genres of music.

Key skills and competencies

- Computer/Technical skills
- Good thinking and mathematical aptitude
- Business aptitude and logical analysis

References

Name	Title	Contact Details
○ Juan Botha	Senior Backend developer (Wyzetalk)	079 822 4626
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