

Curriculum Vitae - [Zandile Maleka]

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SUMMARY

Motivated and detail-oriented Software Engineer with foundational hands-on experience in web development, specializing in both front-end and back-end technologies. Strong understanding of software engineering principles, problem-solving, and Agile methodologies. Skilled in C#, JavaScript, SQL, and modern frameworks such as ASP.NET and React. Capable of independently managing tasks and delivering high-quality solutions in fully remote, fast-paced environments.

TECHNICAL SKILLS

- Front-End : React, Typescript, JavaScript, HTML5, CSS3, Tailwind
- Back-End: Python, Node.js, REST APIs, .NET Core
- Databases: SQL (PostgreSQL), NoSQL (Firebase), SQL Server, MySQL
- Tools: Git, Visual Studio Code, Jira, Postman, Tabnine, GitHub Copilot
- Development Practices: Agile, Scrum, Test-Driven Development (TDD), CI/CD
- Operating Systems: Windows, Linux

EDUCATION

Full Stack Software Development

Melsoft Academy
2025

MSc in Physiology

University of Limpopo
2024

PROJECT EXPERIENCE

AI Recipe Generator – Frontend Developer

[<https://github.com/zandilemaleka/Recipe-generator>]

- Developed an AI-powered web app using JavaScript, OpenAI API, and HTML/CSS
- Implemented clean UI/UX for seamless recipe generation experience
- Integrated Moment.js for time formatting

Weather Forecast App – Full-Stack Developer

[<https://github.com/zandilemaleka/weatherApp>]

- Created a responsive weather dashboard using OpenWeatherMap API, JavaScript, and Tailwind CSS
- Applied modular programming practices and asynchronous data handling
- Designed a Lambda function in Python to process and vectorize images from S3
- Applied encoding methods for machine learning-ready input, optimized for performance

World Clock App – Frontend Developer

[<https://github.com/zandilemaleka/world-clock>]

- Built an interactive web-based clock that displays current time in multiple global cities using JavaScript and Moment.js
- Implemented dynamic time zone conversions and user-friendly UI with real-time updates

WORK EXPERIENCE

Web Developer Intern

[Codsoft], [Remote]

April 2025 – May 2025

- Developed and styled responsive web pages using HTML, CSS, and Java
- Gained hands-on experience with code versioning tools and development best practices

Student Computer Lab Assistant

University of Limpopo

Jan 2024 – Dec 2024

- Provided first-level support to students and staff using lab computers and printers.
- Ensured lab systems were operational, updated software, and maintained hardware.
- Assisted in monitoring lab usage and resolving access or connectivity issues
- Ensured lab systems were operational, updated software, and maintained hardware.

EXTRA CURRICULAR AND CERTIFICATIONS

Standard Bank Software Engineering Job Stimulation

May 2025

- Built new App features that improve customers' banking experience as a software engineer at Standard Bank

- Collaborated with cross-functional teams to design, test, and deploy software solutions aligned with business objectives
- Applied best practices in coding, debugging, and performance optimization to deliver high-quality, reliable features
- Contributed to agile development processes, including sprint planning, code reviews, and continuous integration.

Skyscanner Front-End Software Engineering

May 2025

- Built a web application using React as a front-end engineer
- Developed a page for picking a travel date using Skyscanner's open-source Backpack React library
- Customized application and ran automated tests to ensure it rendered properly

SheCodes Web Development

April 2025

CORE COMPETENCIES

- Passion for learning and self-development in fast-moving tech

REFERENCES

Available on request