

Andries Naufa Mogashoa

Junior Front-End | Full-Stack Developer

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GitHub: <https://github.com/katGhost>

Professional Summary

Detail-oriented Junior Front-End / Full-Stack Developer with hands-on experience building responsive web and mobile applications. Proficient in Python, Flask, JavaScript and React, with exposure to both front-end and back-end development. Contributed to live production WordPress websites during a remote internship. Currently pursuing Data Engineering and AI & ML practitioner program to deepen understanding of data pipelines, ingestion, and management, and Machine Learning models integration into existing and/or new systems taking into account responsible AI work-flows. Passionate about clean code, problem-solving, and collaborative development.

Technical Skills

- **Languages:** Python, JavaScript (ES6), C#, Dart, HTML5, CSS3
- **Frameworks & Libraries:** React, Next.js, Flask, Flutter, .NET Core, Bootstrap, Tailwind CSS
- **Databases:** SQL, SQLAlchemy, SQLite, MySQL, PostgreSQL
- **Tools:** Git, GitHub, GitLab, VS Code, Visual Studio, Android Studio, Figma, WordPress and Elemeor.
- **Other:** RESTful APIs, FastAPI, Expo, CI/CD fundamentals, Version Control.

Soft Skills

- Attention to detail.
- Clear and concise communication with others.
- Documentation (proper and orderly).
- Ability to work as part of a team and on my own.
- Efficient pressure management, problem-solving, and solution driven.

Work Experience

Web Developer Intern with UI/UX Responsibilities

Pearl Lemon Group – Remote

January 2025 – July 2025

- Contributed to development and maintenance of live production websites optimising performance and speed.
- Debugged, tested, and deployed new features in collaboration with a distributed development team
- Gained experience in version control with Git and integrating third-party tools
- Assisted with third-party integrations and site performance improvements

Recent Projects

Personal Expense Tracker

Flask, Python, JavaScript, JQuery, SQLAlchemy, Chartjs, Tailwind CSS

- Built a full-featured expense tracking application with budget analysis beyond CRUD
- Implemented session-based authentication and authorization
- Developed dynamic data tables using JQuery for real-time insertion and querying
- Optimized server-side API endpoints for fast data ingestion and retrieval
- Designed responsive UI with Tailwind CSS and data visualization using Chart.js

Digital Binary Clock (Web Application)

Flask, Python, JavaScript, Bootstrap

- Developed a binary clock displaying time using a column-based binary bulb system
- Demonstrated strong understanding of data structures and data flow
- Used asynchronous JavaScript (Axios) for real-time updates

2D Browser-Based Platformer Game

JavaScript (ES6), HTML Canvas Tailwind CSS

- Created an interactive 2D platformer using Vanilla JavaScript
- Implemented game mechanics using Object-Oriented Programming

Education

Data Engineering - In Progress (Self Paced)

DataTalksClub

CS50X: Introduction to Computer Science - Completed 2025

Harvard Online

CS50P: Introduction to Programming with Python - Completed 2025

Harvard Online

Higher Certificate: Full-Stack Development - Completed 2022

IT Varsity

High School Diploma

Rekhuditse Secondary School - Graduated 2016

Certifications

- **CS50X** - Computer Science (Harvard Online, 2025)
- **CS50P** - Python Programming (Harvard Online, 2025)
- **Practical IT Helpdesk** - TCM Academy (2025)
- **Full-Stack Developer Certification** - IT Varsity / MTN App Academy (2022)

References

Charnell Ward | Head of PR, Pearl Lemon Group

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Usman Shafiq | Lead Web Developer, Pearl Lemon Group

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