| Abuja, Nigeria<br>https://github.com/kmafeni04/port-folio | **LEONARD MAFENI** | **(+234) 916 254 2645**<br>komemafeni944@gmail.com |

## PROFESSIONAL SUMMARY

- I'm a highly motivated software engineer with a passion for full-stack web development.
  I love tackling complex problems and building solutions that are both efficient and scalable.
  I'm eager to step into new challenges and explore different fields to keep growing my skills.
  Above all, I'm excited to contribute to projects that make a real impact.

## EDUCATION

| Abuja, Nigeria | **Nile University of Nigeria** | **Nov. 2020 – Oct. 2024** |
|---|---|---|

- B.Sc. in Software Engineering, Ongoing.
- Undergraduate Coursework: Operating Systems; Databases; Data Structures and Algorithms; Comp. Architecture; System Analysis and Design; Software Engineering Process; Data Communications and Networking; Software Testing and Quality Assurance; Web Application Development; Object-Oriented Analysis and Design; Engineering Mobile Applications; Discrete Structures; Software Architecture and Design; Software Reverse Engineering; Human-Computer Interaction; Software Configuration and Maintenance; Software Project Management; Software Engineering Security.

## WORK EXPERIENCE

| Alphatech Hub Integrated Services Ltd.<br>Frontend Dev, Intern | | Abuja,Nigeria<br>July 2022 – September 2022 |
|---|---|---|

- Worked on a commissioned betting dashboard using react, learning the component based systems and how to effectively make responsive websites with CSS.
- Created a landing page for the same company, learning how to take images and styles from figma and applying them to the project.
- Created a terms and conditions page for the same company, filling out the information by adding data from a server endpoint.

| Alphatech Hub Integrated Services Ltd.<br>Frontend Dev, Intern | | Abuja,Nigeria<br>July 2023 – September 2023 |
|---|---|---|

- Working with HTML and CSS, performed a refresher in house course to ensure I still understood the basic concepts of web design.
- Learnt about Tailwind CSS and how to use it to improve development pace.
- Created a commissioned dashboard using react and tailwind

| Network for Health Equity & Development<br>IT Support and Software Developer, Intern | | Abuja,Nigeria<br>July 2024 – September 2024 |
|---|---|---|

- Working on the company's site using wordpress, learning about the wordpress ecosystem and how to make attractive and responsive UIs using the wordpress interface
- Training on AI technologies and it's applications in the health sector

| Data-Lead Africa.<br>Web-Developer, Intern | | Abuja,Nigeria<br>January 2025 – Present |
|---|---|---|

- Working on a full rewrite of the company website, focusing on responsive and eye catching design
- Learning of Sign language as the company is also an inclusive one
- Working on the company podcast as a sound engineer
- Programming content creation, small tips on better python programming

## TECHNICAL EXPERIENCE

### Web Projects

- **My Watch List**: A TV series watchlist aimed at making it easier to keep track of what you're watching and plan to watch([mywatchlist.up.railway.app](mywatchlist.up.railway.app))
- **Data-Lead Africa Website**: Rewrite of the company website in React([www.dataleadafrica.com](www.dataleadafrica.com))

### CLI

- **buffer-completions-lsp:** A server implementation of the LSP protocol to provide text completions based on your open buffers([github.com/kmafeni04/buffer-completions-lsp](github.com/kmafeni04/buffer-completions-lsp))
- **nelua-lsp:** A WIP LSP server for the nelua programming language([github.com/kmafeni04/nelua-lsp](github.com/kmafeni04/nelua-lsp))

### Custom Libraries

- **http-nelua:** A web server written in the nelua programming language([github.com/kmafeni04/http-nelua](github.com/kmafeni04/http-nelua))
- **norm:** A Database ORM written in the nelua programming language([github.com/kmafeni04/norm](github.com/kmafeni04/norm))
- **json-nelua:** A json parser and deserializer for the nelua programming language([github.com/kmafeni04/json-nelua](github.com/kmafeni04/json-nelua))
- **ssdg:** A language agnostic doc gen tool written in the nelua programming language([github.com/kmafeni04/ssdg](github.com/kmafeni04/ssdg))
- **nelt:** A templating language for nelua taking inspiration from Go's templ with jinja style syntax([github.com/kmafeni04/nelt](github.com/kmafeni04/nelt))

## TECHNICAL SKILLS

**Programming**: Lua; Python; Javascript; Typescript; HTML; CSS; SQLite; Django; Lapis; React; Sass; Tailwind;
**Software**: Helix; Vim; VsCode; Git; Docker;
**Operating Systems**: Linux; Windows;