# James Koduah

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## 💼 Professional Experience

**Teemboom Comments**
*Full Stack Developer* ⤤
Built a marketable SaaS product as a solo developer within 2 months, making over 80,000 code additions to the product according to GitHub insights.
Managed my servers, load balancing using HAProxy and reverse proxy with Nginx.
Used MongoDB for my Database.

## 📂 Projects

**DNS Lookup Tool** ⤤
*A tool I built as a Django Developer to find DNS records of a Domain or Sub-Domain*
This is a web-app built with the Python / Django framework. The back end is an API that makes requests to the DNS servers of the domain. The frontend is built with standard Vanilla JavaScript that fetches and dynamically updates the page.

**Parma Health Care System**
*A website built as a Flask Developer, made for hospitals to manage staff and patients.*
This project was built with the Python / Flask framework. The MVP was capable of creating a hospital, adding staff, assigning roles to the staff, adding patients, creating and retrieving patients records and offering treatment to the patient.

**Telegram Bots**
*Built Telegram Bots with Python.*
Built a number of Telegram bots using the 'python-telegram-bot' module.

**Jekyll Sites**
*Business Websites using the Jekyll Static Site Generator*
I build as a freelancer, Jekyll websites coupled with Decap/Netlify CMS. These are sites that are great for blogs and non-technical people can manage them with ease.
E.g. https://jaskintech.com, https://sparkworld.jaskintech.com,
https://cleanhands.jaskintech.com, etc.

**More Projects**
*Projects I have undertaken and compiled on my website.*
Projects ranging from Browser Games to Desktop apps with PySimpleGUI and other odds and bits. These have been compiled and can be found at my website https://personal.jaskintech.com.

## 🎓 Education

**Software Engineering**
*Alx Africa* ⤤
Completed an intensive, hands-on software engineering program designed to develop strong technical and problem-solving skills.

The course covered:

Core Programming Languages: Proficient in Python, JavaScript, and C.

Web Development: Developed full-stack web applications using HTML, CSS, React, and Node.js.

Database Management: Gained experience with SQL and NoSQL databases.

Algorithms and Data Structures: Strengthened problem-solving abilities through rigorous training in algorithms and data structures.

Version Control: Mastered Git and GitHub for effective collaboration and version management.

Agile Methodologies: Practiced Agile and Scrum methodologies for efficient project management and teamwork.

Successfully completed various real-world projects and collaborated with peers to solve complex challenges, demonstrating a strong foundation in software engineering principles and practical application.

## 🧠 Skills

**Python**
Flask, Django, PySimpleGUI

**Nodejs**

**Bash**

**Nginx**

**MongoDB**

**C**

**HAProxy**

**JavaScript**

**HTML/CSS**

**Git/GitHub**

**Jekyll**

**MySQL**

**AI Prompting**