Ifedapo Princewill Olaiya

Abuja, Nigeria
+2347049822258 | email: princewillolaiya@gmail.com | linkedin: princewill-olaiya | github: just-nibble
website: princewill.onrender.com

SUMMARY
Software engineer specialized in building solutions that run on servers and tools that make the lives of other developers easier.

SKILLS
- **Programming Languages:** Python, Golang
- **Frameworks:** Django, FastAPI, Flask, Gin, Echo
- **Tools and Databases:** Elasticsearch, Redis, PostgreSQL, MongoDB, Apache, Nginx, Git, Linux

EXPERIENCE
Lead Engineer
0xEngine Labs, Remote
August 2021 – July, 2023
- Spearheaded the development of scalable and high-performance APIs and tools using Python.
- Leveraged container technologies, such as Docker to optimize deployment processes, resulting in significant reduction in deployment time.
- Developed websocket servers to send real time data to client facing applications using FastAPI.
- Mentored junior engineers, sharing best practices and promoting a culture of continuous learning.

Backend Engineer
Marketier Ng, Remote
July 2020 - August 2021

- Developed a recommendation engine using Django and elasticsearch.

- Enhanced user experience by optimizing PostgreSQL database queries, resulting in a reduction in user wait times and improved application responsiveness.

- Developed a Linux utility using Golang that monitors memory usage and identify and release non-essential memory resources, optimizing overall system performance without impacting critical processes.

Software Engineer
Trevlo, Remote
May 2019 - July 2020

- Leveraged Elasticsearch to build a real-time analytics dashboard, providing valuable insights into data trends and patterns.
- Designed and implemented a caching layer using Redis, reducing database load and improving response times.
- Actively participated in the migration of monolithic applications to microservices, improving code maintainability and enabling rapid feature development.
- Created comprehensive documentation and provided technical guidance to the support team, facilitating efficient troubleshooting and issue resolution.

Software Engineer
Maybeach Technologies
February 2018 - May 2019

- Maintained detailed documentation of software development processes and updates which reduced developer onboarding time by at least 30%.

- Developed a document management system for an organization that enables the scanning and indexing of documents for easy retrieval using PHP and Elasticsearch.

- Collaborated with UI/UX personnel to integrate ease-of-use and accessibility considerations into functional software.

- Supervised the migration of over 10,000 documents from the organization's legacy system to the new system, resulting in a seamless transition with minimal downtime.

PROJECTS

Bitgifty– *bitgifty.com*

- Developed a web application for creating and redeeming cryptocurrency giftcards using django and javascript.
- Set up a CI/CD pipeline for easy deployment of changes.
- Set up docker container and Nginx server.
- Added support for Bitcoin, Ethereum, Celo, Tron

Go-notif – *github.com/just-nibble/go-notif*

- Developed a linux utility using Golang that sends a notification whenever the content in the clipboard changes.

USB-Screamer – *github.com/just-nibble/usb-screamer*

- Developed a linux utility using Golang that plays an audio file when a usb device is plugged in.

Wallp-switch – *github.com/just-nibble/wallp-switch*

- Developed a linux utility using Golang that randomly changes the desktop wallpaper.

EDUCATION

Federal University of Technology – Bachelor in Electrical and Electronic Engineering
Owerri, Nigeria
Sep 2016 - Dec 2021

LANGUAGES

English native
German A1, Beginner