

## PRINCEWILL OLAIYA

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Abuja, Nigeria.

### EXPERIENCE

#### Software Developer (Contractor), 0xEngineLabs

Aug 2021 - Sep 2022

- Compared pros and cons of using Python or Golang to make an informed decision.
- Utilized AWS S3 bucket in reducing storage costs.
- Determined whether user needs could be incorporated into existing applications or required new development.
- Updated existing software to resolve errors and adapt it to new performance requirements.
- Deployed backend services to Linux server using Docker
- Integrated web application to Algorand blockchain using Python and Django.
- Developed system using Golang that sends an alert once a server throws a critical error.

#### Backend Developer (Contractor), Trevlo

Mar 2021 - Aug 2021

- Utilized Geo-location to make booking of doctor appointments easier for users.
- Enabled easy payments using flutterwave's payment gateway.
- Developed recommendation engine using Django and ElasticSearch.
- Created database seeder using Golang
- Built system using Golang that correlated news from multiple sources and sends automated email when certain flags are found.

#### Backend Developer, Marketier Ng

Mar 2020 - Mar 2021

- Automated database migration progress for easier transfer of data across platforms
- Reduced user wait times by optimizing PostgreSQL database queries
- Solicited feedback from users to make existing and new applications more user-friendly.

#### Junior Software Developer, Maybeach Technologies

Jan 2019 - Feb 2020

- Maintained detailed documentation of software development processes and updates.
- Collaborated with UI/UX personnel to integrate ease-of-use and accessibility considerations into developed software.
- Developed technical handbooks to represent code and design of new applications.
- Used PHP and ElasticSearch to create an index engine for an EDMS.

#### Engineering Intern, Enspire Incubators

Aug 2018 - Jan 2019

- Refactored Django code to improve readability and performance
- Automated sending bulk emails using Django

### PROJECTS

- **AutoBash** | [github.com/just-nibble/AutoBash](https://github.com/just-nibble/AutoBash)  
List of scripts to automate software installs and configurations when I switch Linux distributions. **Technologies:** Linux, Bash
- **AutoBash-GUI** | [github.com/just-nibble/AutoBash-GUI](https://github.com/just-nibble/AutoBash-GUI)  
A graphical user interface that helps beginners automate software installs and configurations when switching Linux distributions. **Technologies:** Linux, Golang, Fyne, Defyne

### SKILLS

- Programming Languages: Python, HTML, CSS, JavaScript, PHP, Golang
- Frameworks and Libraries: Django, Django Rest Framework, Gorilla
- Infrastructure and Tools: Linux, Heroku, Elasticsearch, Celery, PostgreSQL, AWS, Redis, Git, Docker

### EDUCATION

Bachelor of Science, Electrical and Electronics Engineering  
Federal University of Technology - Owerri

Sep 2016 - Nov 2022