NDEGE ALBERT MUNENE

Software Engineer

Email: albertndege2@gmail.com

Portfolio: https://ndegealbert.vercel.app/

GitHub: https://github.com/ndegealbert

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Phone Number: **0727596412**

EXPERIENCE

iPay Africa - Fintech Company

Role: Software Engineer

JUNE 2021 - PRESENT

- Working with a super talented team of engineers in building innovative payments processing & payment gateway for Africa.

- Improving various legacy services efficiency and stability by introducing multi-threading and asynchronous processing • Development, testing and documentation of APIs.

- Research on new fit for future technologies and active implementation. Design and implementation of micro service architectures

- Developed iPay billing a web solution that uses iPay billing API to process payment for the purchase of airtime, payment of utilities e.g kplc, Nairobi Water, payment of Tv service among them be DSTV, GOTV and STARTIMES

Technologies used:

- PHP - Slim Framework
- Go Lang
- Amazon web service/AWS
- JavaScript/Typescript - React/Next.js

KEY ARCHIVEMENT:

- Acquired experience working in a fintech industry
- Maintained maximum uninterrupted flow of business-critical

Ada Labs Africa – *Global Lab that host Startup Company* in Africa

Role: Software Engineer

JAN 2021 – JUNE 2021

- Worked as a remote software developer of Agri-tech Startup based at Tanzania in developing and   deploying   Phemarket, a Market place for connecting farmers to Sell their Product
- Built innovative micro services (REST-API) using Node.js and Golang
- Built a Single page interactive web application using React, redux and styled-component
- Worked closely with other developers, UX designers, and systems analysts to deliver the product

Technologies used:

- JavaScript/Typescript – React and Redux
- Go Lang
- Amazon web service/AWS

SMART BEAVER INNOVATION - Innovation Hub Company

Role: Software Engineer

MAY 2020 – FEB 2021

- Engineered modern applications (Smart beaver innovation management system) with PHP (Laravel), JavaScript (React), MySQL, and No SQL.

- Built innovative micro services (REST-API).

- Supported multiple teams, empowering them to do more through code reviews, and automated code quality checks.

Technologies used:

- PHP - Laravel
- JavaScript/Typescript - React
- Database – MySQL and Mongo Db

Key achievement:

Maintained maximum uninterrupted flow of business-critical

JKUAT INDUSTRIAL PARK– Laptop/Tablet Assembling Company

Role: Computer

TECHNICIAN   MAY 2019 – SEP

2019

- Assembling and Configuring Tablet for 2019 census
- Installing firewalls and Testing Census Devices
- Setting up server for Census data

Key achievement: Identified and dealt with a significant process of Assembling Tablets and Laptops

Education

Bachelor of Information Technology

Jomo Kenyatta university of Agriculture and Technology

May 2016– Feb 2020

- Heavy focus on full stack engineering with modules on both front and backend processes.

- Built a mock payment system for an Android ecommerce app for a senior year project.

- Built Learning projects which can be found on my Portfolio/GitHub

Skills:

Programming languages:

- JavaScript (ES6) /Typescript
- PHP
- Go Lang
- Java
- Scala - Learning

Databases:

- MySQL
- PostgreSQL
- Mongo DB

Cloud and DevOps:
- AWS
- Docker
- Jenkins
- Gitlab
- Kubernetes

ENGINEERING SKILLS: Data Pipelines, Data
Structures and Algorithms, Testing and debugging, Data Scraping

CERTIFICATIONS

1. Data structure and Algorithm:
   https://certificate.algoexpert.io/AlgoExpert%20Certificate%20AE63cd32999b

2. System Design:

   https://certificate.algoexpert.io/SystemsExpert%20Certificate%20SE-45b1a75285

References

George Nduati Mwangi   Fred Ochieng
JKUAT (Jomo Kenya university of Agriculture and Technology)   JKUAT   IndustriaPark
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