
NDEGE ALBERT MUNENE

Software Engineer

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

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SAMMARY

I'm Talented Software engineer with over four years of experience, my experience has allowed me to acquire solid knowledge in software Engineering.

Working with multiple teams has made me programming language agnostic, whichever language is used, I can quickly learn and practice the best development Practices. I find joy in learning new things every day and solving real problems.

As a person I am vibrant, energetic and passionate about what I do, I have been appreciated for being committed to the quality of product and for always wanting to know “why” ‘

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
- Implemented the company's payment gateway – A platform that processed various payments such as merchant, utility and card payments, utilized different payment gateway to archive this .ie Mpesa Api ,Cellulant Api , Pesalink Api, Visa/Muster card , Mvisa, Amex and UnionPay

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

KEY ARCHIVEMENT:

- Maintained maximum uninterrupted flow of business-critical

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
- 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

References

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