Philisters Oside Vidonyi

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SUMMARY

I am a results-driven software developer with experience maintaining large databases, performing data collection and analysis, and conducting detailed reports. I am knowledgeable in a wide variety of programming languages as well as the principles and techniques of software construction and maintenance. This includes hands-on experience in developing web user interfaces using React, JavaScript, HTML5, Angular, and CSS3. Lastly, I have in-depth knowledge in developing Restful Web Services API with best practices using Node js and Express js. I look forward to joining a fast-growing team and contributing to the overall success of the company.

EDUCATION

Jomo Kenyatta University of Agriculture and Technology
Bachelor of Science, Mathematics and Computer Science

EXPERIENCE

Microverse   **Oct 2021 — Present**
Software Developer

- Developed skills in remote pair-programming using Github and industry-standard git-flow
- Daily standups communicating and collaborating with international remote developers.
- Mastering algorithms, data structures, and MERN-stack development
- Developing projects with javascript, React, Node js, dot net, and SQL Server.

Fiverr
Freelance WordPress Developer   **Sept 2020—Present**

- Writing and implementing efficient code
- Development of responsive themes and plugins for WordPress websites
- Website development from scratch using CMS WordPress
- Installing and configuring plugins and making HTML/CSS customizations
- Maintaining the cross-browser compatibility of the theme

Trivayu InfoTech
IT Consultancy Business Development Intern   **Nov 2020—Present**
- Providing design and strategic support for the development of custom web application solutions
- Assisting in delivering user experiences,
- Supporting clients' projects and internal initiatives by producing high-quality deliverables.

Smart Parking Innovation   **Sep 2021—Present**
Torus Technologies
- Creating PhoneGap mobile application
- Creating Restful API web server (middleware)

- Creating a user-facing web application
- I used an ESP8266 board, sensors of hardware, Arduino IDE in C for hardware development, Angular js, HTML, CSS for web interface design, and PhoneGap for mobile app development.

This Innovation aims to help individually match drivers to parking spots, improve parking space utilization, reduce management costs and alleviate traffic congestion. It is a complete end-to-end solution that features a network of sensors, feature displays, and live gateways with a powerful and intuitive web-based platform for monitoring and management. It is scalable and has a user-friendly dashboard that enables customers to manage and analyze events and information, as well as allowing users to identify trends and interpret data. It is an IOT based parking automation system where a sensor detects IOT parking occupancy which can be used to detect the available parking spot and sends a message to the car owner if the time limit is about to expire.

React and dot Net Web API Project
Amarin Financial Group   **Aug 2021**
- Source code for my backend (dot Net)
- Source code for frontend(React)
- Merging the React project within the dot net core solution and having it run from Visual Studio.

Dot net application is based on MVC design pattern and it consists of controllers, views, and models. The application retrieves a list of records from a database, displays the details of the individual records, and enables editing/Updating, and deleting of records. React js application demonstrates navigation and contains both stateless and stateful components. It consumes the API in the dot net core project so that data from the API is displayed in the react app.

Simple Calculator (python)
Huawei Artificial Intelligence course   **Dec 2020**

- Developed clean, succinct code that works without bugs
- Built a simple calculator with addition, subtraction, multiplication, and equal sign operations.

Mini Netflix app   (Angular)
Google Africa Developer Scholarship (GADS)   **Oct 2019**
Mobile Web Specialist Challenge

- Source code for frontend
- Source code for backend

This is a movie app where users are able to view all movies on the home page, search for movie titles containing certain words. They can also click on a movie, and display more details. Users are able to "favorite" movies they like and should persist even when the browser is refreshed. There is also a favorite page that shows favorite movies.

SKILLS

Angular, Node J's, React, Dot net, Python, HTML 5, CSS3, JavaScript

CERTIFICATION & TRAINING

- Celo Alpha Cohort (2021)
- Cisco Certified Network Associate (CCNA) Weekend Training, second batch (Jan 2021)
- Huawei Cloud Computing (Dec 2020)
- Google Africa Developer Scholarship 2020 (May 2020)
- Andela -BsuildForSDG Challenge (Nov 2020)
- OpenClassrooms and Devc Training Programme (2019)
- Digital Skills for Africa (Feb 2018)
- Digital Opportunity Trust (April 2012)

COMMUNITY SERVICE

I am a Deborah Amoi Foundation (DAF) Scholarship merit scholar. I have been doing community service through this organization including painting classrooms in rural areas, helping the aged, mentoring other DAF students, tutoring younger students in schoolwork, and visiting children's homes.

REFERENCES

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