DEOGRATIAS AMASI

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SUMMARY

I am a Full Stack Software Developer with a proven track record of designing, implementing, and deploying complex software solutions. With a comprehensive skill set that spans both front-end and back-end technologies, I excel in delivering high-quality, scalable applications that meet and exceed client expectations.

SKILLS AND COMPETENCIES

- Excellent communication skills,
- Programming languages: Python, PHP, JavaScript, HTML, CSS.
- Web Development frameworks: Django, Laravel,
- API Development (RESTful)
- API Integration with third-party services
- Databases: MYSQL, SQL Server, PostgreSQL
- Excellent organizational and time management skills,
- Problem-solving skills, teamwork skills, Self-development skills,
- Agile\Scrum Framework

WORKING EXPERIENCE

(December 2019 – Current)
Software Developer at Tally Global Software

Achievements:

- Designed, developed, and maintained custom CRM solutions tailored to clients' specific needs.
- Developed payroll systems to automate and streamline payroll processes, enhancing efficiency.
- Developed secure and efficient API endpoints for the helpdesk application to facilitate communication between the application and various clients.
- Conducted thorough debugging and troubleshooting of existing systems, ensuring optimal performance and functionality.
- Collaborated with cross-functional teams to gather requirements, plan projects, and deliver solutions within deadlines.
- Reviewed and Conducted testing on the existing systems.

(June 2018 – November 2019)
Software Developer at Afya Pro Connected Care

Achievements:

- Worked closely with system analysts to translate user stories and requirements into detailed AfyaPro Vital health product specifications.
- Streamlined Scrum Software Methodology into the development process to standardize and accelerate software development and operations.
- Created test cases and execution plans for the AfyaPro Vital health platform software every Sprint
- Played part in the software development life cycle process that enabled good planning and process of how and what should be done to make the software be developed successfully.
- Participated in code review meetings, providing input on bugs, inefficiencies, and potential solutions to emergent issues.

INDUSTRIAL PRACTICAL TRAINING

(July 2017 – September 2017) & (August 2016 – November 2016)

DHIS2 Project & Tanzania Telecommunications Corporation(TTCL)

Achievements:

- Learned and assisted in maintenance and troubleshooting of computers, printers, and the making of RJ-45 cables, learning how, and assisting in helping other staff members on Technological matters.
- Learned and installed Dhis2 platforms in our machines, developed dhis2 applications, and deployed our applications in dhis2 platforms.

PROJECTS

E-commerce System

The E-commerce System is a comprehensive platform designed to facilitate online business sales. A user-friendly interface and efficient functionalities enable sellers to showcase their products and allow customers to purchase items seamlessly.

Technologies used are

- Laravel framework
- JavaScript
- Vue.js
- MySQL Database
- Visual studio code editor
- Git

Link: https://github.com/amasdeogratias/fixpay_dev

Teachers Consultation System

- Developed a full-stack web app to allow university students to book appointments for their lectures using Python and Django Framework.
- Utilized Django signals to trigger notifications when an appointment is accepted or rejected. For example, when a lecturer approves a student's appointment request, an automated email or push notification is sent to notify the student of the acceptance.

Technologies used are

- Python
- Django framework
- JQuery
- MySQL Database
- Git

Link: https://github.com/amasdeogratias/staff_schedule_system

Fishing Vessels Tracking System

- Developed Fishing Vessels Tracking System using PHP, Arduino, and JavaScript for real-time monitoring of fishing boats' locations
- Implemented an emergency notification feature to instantly send distress signals, including GPS coordinates (latitude and longitude), to the office for immediate assistance.
- Enhanced safety measures by displaying boat locations on a map and enabling the drawing of routes from the user's current location to the boat's position.

Technologies used are

- PHP
- JQuery
- MySQL Database
- CSS

EDUCATION

(October 2014 – November 2017), Bachelor of Science with Computer Science (BSc.CS)
at the University of Dar es Salaam

(March 2011 – March 2013), PCM - Advanced Level Secondary Education (ACSEE) at Kibiti Secondary School.

(January 2007 – October 2010), Ordinary Level Secondary Education (CSEE) at Dung'unyi Seminary

REFERENCE

Ms. Kalpana Bhanawat- Lead Software Developer at Tally Global Software, kalpanabhanawat@gmail.com
Mr. Oswald Gerald – System Analyst at DHIS2, moswaldgerald@gmail.com Dar es Salaam,
Mr. Mohammed Msingwa – Senior Developer at Zalongwa Technologies), msalehem@gmail.com