**SUMMARY**

DEOGRATIAS AMASI

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Address: P. O. Box 4067, Dar es Salaam

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](mailto:kalpanabhanawat@gmail.com) Mr. Oswald Gerald – System Analyst at DHIS2, [moswaldgerald@gmail.com](mailto:moswaldgerald@gmail.com) Dar es Salaam,

Mr. Mohammed Msingwa – Senior Developer at Zalongwa Technologies), [msalehem@gmail.com](mailto:msalehem@gmail.com)