

**SUMMARY**

- 3 Years of Professional Software Development Experience (Full Cycles) for mobile, desktop and web-based applications.
- Experience in designing systems using both functional and object-oriented programming concepts and design.
- Experience in building, designing and configuring both Relational and Non-Relational Database Systems.
- Experience in the use of extensive testing methodologies for Unit, Integration and End-to-End testing using a wide range of frameworks.
- Deep desire to learn new concepts, technologies and frameworks with interpersonal skills.

**EDUCATION**

- UNIVERSITY OF GONDAR: B.Sc in Biomedical Engineering (Expected Grad. 2023)
- SELF-TAUGHT: Full-Stack Developer


**TECHNICAL SKILLS**

- PROGRAMMING LANGUAGES: Python, JavaScript, TypeScript, Java, C++, SQL
- MARKUP/STYLESHEET LANGUAGES: HTML, XML, CXML, CSS
- FRAMEWORKS: Django, Express, React
- WEB/APP SERVERS: APACHE, NGINX, NODE.JS
- PERSISTENCE: MYSQL, MSSQL, PGSQL
- OPERATING SYSTEMS: LINUX (UBUNTU), WINDOWS, OSX
- CI/CD: Git

**EXPERIENCE****SOLARVILLAGE SOLAR EQUIPMENTS IMPORTER****IT SUPPORT INTERN****ADDIS ABABA, ETHIOPIA****JANUARY 2020 - CURRENT**

**COMPANY DESCRIPTION:** SolarVillage Ethiopia supplies, installs, and maintains residential and irrigation equipment to small-scale farmers in Ethiopia.

**RESPONSIBILITIES**

- Redesigned and rebuilt the company's main website, with search-engine optimization and Google Business indexing. 
- Installed and provided maintenance and support for IT services, troubleshooting and security system operations.
- Implemented community outreach activities for youth and supervised the first round of interns and team projects.

**DR. FLORENCE FREELANCE PROJECT****SOFTWARE ENGINEER CONTRACTUAL****REMOTE****FEBRUARY 2020 - JULY 2021**

**PROJECT DESCRIPTION:** Construction of a monitoring system that recorded, computed and reported weather, energy consumption, and electricity generation.

**RESPONSIBILITIES**

- Conducting extensive research and preparing reports that presented an overview of the justifications for selecting suitable project equipment and hardware.
- Designed, constructed, and built electronic schematics as well as made reports for the purpose of design, and participated in the manufacture of the design.
- Designed and constructed the required software and infrastructure, which I then remotely deployed and configured on the hardware.

**ITIO.DEV****SOFTWARE ENGINEER CONTRACTUAL****REMOTE****JUNE 2020 - CURRENT**

**COMPANY DESCRIPTION:** ITIO is an organization that effectively addresses automated and efficient techniques to develop products from ideas.


**RESPONSIBILITIES**

- Composed numerous technical articles spanning from the simple introduction of a programming language to comprehensive guides of its standard libraries.
- Conducted daily surveys and inspections and prepared regular reports of tracked errors and changes.
- Designed, tested and developed numerous features for multiple multi-service applications using the TypeScript language and React and Express frameworks.
- Designed and developed numerous unit, integrated and end-to-end tests for the development of legacy code using the Jest, Cypress, and React Testing libraries.

**GLIDE GLIDEAPPS.COM****FRONTEND DEVELOPER CONTRACTUAL****REMOTE****APRIL 2021 - JUNE 2021**

**COMPANY DESCRIPTION:** Glide is a company that creates powerful no-code apps and websites that can be quickly and easily made from spreadsheets.

**RESPONSIBILITIES**

- Composed a technical article, along with GIFs and pictures about the use and construction of an online Glide application.
- Assisted in a complete redesign and rebuilding of multiple pages of the company's app website. 

**DCSOFT SOFTWARE SOLUTIONS PLC****SOFTWARE ENGINEER CONTRACTUAL****ADDIS ABABA, ETHIOPIA****DECEMBER 2020 - SEPTEMBER 2021**

**COMPANY DESCRIPTION:** DC Software Solutions Plc develops HR Management, Accounting and Inventory, as well as custom applications for large-scale companies.

**RESPONSIBILITIES**

- Redesigning and rebuilding an existing desktop-based app to a web-based app using React.js for the frontend and an Express API for the backend.
- Reconfiguring, recreating and deploying an existing database system to a remote NGINX server using a PostgreSQL instance.
- Creating a CI/CD workflow for both local and remote deployments as per the client's request for continuous maintenance.
- Composed simple technical documentation for future teams to understand the methodology and procedures I had carried out in my development process.