

CURRICULUM VITAE

1. PERSONAL DETAILS

Name: Naggayi Daphne Pearl

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2. PROFILE

I am a full-stack-oriented developer.

I am a junior software engineer with a passion for developing innovative programs that expedite the efficiency and effectiveness of organisational success. I am well-versed in technology and writing code to create systems that are reliable and user-friendly.

I am a confident communicator, strategic thinker, and innovative creator and develop customised software to meet a company's organizational needs, highlight its core competencies, and further its success.

3. TECHNICAL PROFICIENCIES

- ❖ Python
- ❖ Flask
- ❖ Flask-Alchemy
- ❖ Psycopg2
- ❖ Javascript (vanilla JavaScript, Vuejs)
- ❖ HTML and CSS
- ❖ React js (React Redux and Material UI)
- ❖ Nodejs (Express, Nestjs, Prisma)
- ❖ Human Centered Design
- ❖ Test Driven Development (Mocha and Chai)
- ❖ CI/CD (Heroku pipeline, Circle CI)
- ❖ Practical Knowledge of SQL and database concepts (MongoDB, PostgreSQL) ❖
- Solid Principles and Design Patterns
- ❖ Version Control using GitHub

- ❖ Refactoring and debugging code

4. INTERPERSONAL SKILLS

- ❖ Lean and agile
- ❖ Time management skills
- ❖ Communication skills within the team
- ❖ Teamwork
- ❖ Critical thinking and problem-solving

5. PROFESSIONAL TRAINING

- ❖ 2022 to date Certificate in Software Development Refactory Uganda
- ❖ 2017-2019 Diploma in Civil and Building Engineering Kyambogo University - Uganda
- ❖ 2015-2016 U.A.C.E Mary hill High School, Mbarara
- ❖ 2011-2014 U.C.E Mary hill High School, Mbarara

6. EMPLOYMENT RECORDS

Front End Developer - Agalm Tech

January 2022 to November 2022

Refactory-Uganda selected me to participate in the boot camp where I underwent in-depth training for software development. I was assigned to the front-end team to design the user interfaces using Figma and develop the features using react js.

Agalm Tech is a digital marketplace that purchases and sells products, assets and services via the application. Trade can be done using cryptocurrency, mobile money and cash.

Technologies Used

React Js, Material UI, Redux toolkit, Formik, Heroku, PostgreSQL, Github, Git

Responsibilities assigned

- ❖ Determine the structure and design of web pages
- ❖ Ensure web design is optimized for screens of all sizes.
- ❖ Build reusable code for future use.
- ❖ Maintain brand consistency throughout the design.
- ❖ Develop features to enhance the user experience.

Key Achievements

- ❖ Successfully deployed the application for the client to use the MVP
- ❖ Designed the interfaces and added functionality to enhance user experience ❖
- Successfully linked the pages to the server

Front Desk Receptionist / Administrator – Aqua Wellness Spa (Protea Hotel Kampala Skyz)

November 2021 to date

Aqua Wellness Spa is located at Protea Hotel Kampala Skyz. Treatments offered in the spas include massages, facials, body scrubs, manicures and pedicures and waxing.

Responsibilities assigned

- ❖ Provide customer support by answering the phone and replying to emails promptly.
- ❖ Provide customer support by answering the phone and replying to emails promptly. They could also receive and sort incoming and outgoing mail.
- ❖ Maintain the spa and keep all the spa equipment in check and order supplies.
- ❖ Providing the daily sales and expenses to the Director of the spa.
- ❖ Managing the calendar by calling clients on their birthdays and anniversaries and preparing packages for them to have a spa day.

Key achievements

- ❖ I have been able to persuade clients to have more expensive treatments
- ❖ I have kept a database for the client's special days and formed a personal relationship between them and the spa.

Civil Engineer – Kiru General Services Limited

August 2020 to September 2021

Kiru General Services Limited is a construction company that provides Excellent, timely services and makes a contribution to the economy through capacity building. Kiru is established to carry out construction in civil engineering fields of buildings, roads and water.

Responsibilities assigned

- ❖ Oversee construction works and supervise site staff by ensuring works are in compliance with the approved plans.
- ❖ Ensure that the projects were completed on schedule, and within the set budget and ensure quality at the site was not compromised by the site staff.

Key achievements

- ❖ Supervised three projects and successfully handover works for the GIZ hygienic facilities for

KCCA government schools around Kampala.

- ❖ Engaged with the clerk of works in the supervision of works for the GIZ project for KCCA government schools.
- ❖ Successfully supervised and handed over drainage works for the company at roads in Mbalwa Agenda, Kironde road and Bulindo road, all in Kira municipality.
- ❖ I ensured Qualitative work with the site staff and made sure work was done within schedule all within the company budget.

Civil Engineer intern - Watoto Ministries

March 2019-2020

Watoto Ministry celebrates Christ in the 14 celebration centres and cares for the community by recusing, caring and raising children also restoring dignity for vulnerable women. At Watoto Ministries, I served under the Projects & design and maintenance department.

Responsibilities assigned

- ❖ Participated in project planning and design also made follow-ups to ensure planned and designed activities comply to set procedures and work plans.
- ❖ Ensure Watoto-designed projects namely buildings, landscapes and utility infrastructure are set up to the applicable codes, regulatory framework, and standards that renew/heal the environment.
- ❖ Engage with contractors to ensure contract terms and bid of quantity are fully implemented. In addition, set up clients' meetings (brief, budget and set time).
- ❖ Participate in continuously and rigorously re-thinks new and innovative ways/processes of planning, and design to ensure delivery of quality work with value for money.

Key achievements

- ❖ Assistant Supervisor to the hydro solar projects at Watoto villages. The water pumps were successfully installed and each pump was 21,000 and 6,000 cubic litres per hour at Lamindera and Suubi villages respectively. The solar pumps were found to be cheaper than the diesel fuel previously used and cost-saving in the long run.
- ❖ Assistant Supervisor to the Hydro Electricity power extension project to Watoto Lamindera village.
- ❖ Drafted bills of quantity before the Quantity Surveyor's approval.
Carry clerical and administrative tasks as assigned by management.

Incoming Global Volunteer - AIESEC Kyambogo.

January - March 2019

AIESEC is an International NGO that strives to achieve peace and fulfilment of humankind's potential among the youth. AIESEC works on behalf of the United Nations SDG.

Responsibilities Assigned

- ❖ Assigned to guide the participants on an exchange visit and coordinate with their home

companies for follow-ups.

- ❖ Carry out training of the exchange team and was assigned to organize presentations for exchange participants and conduct the meetings to establish their expectations.
- ❖ Apply and organize questionnaires for the exchange participants.
- ❖ Report revision of learning

Key achievements

- ❖ Hosted a team of 6 Global Volunteers from various countries namely France, Kenya, Egypt, Norway, Tanzania, and Rwanda.
- ❖ Successfully assigned the volunteers in the different NGOs after evaluating which UN SDGs they wanted to take part in.
- ❖ Participated in teaching the Global volunteers the Ugandan languages and cultures.
- ❖ Organized seminars at Kyambogo University to encourage more volunteers to join the organization as a result 10 members registered.

7. CONTINUOUS DEVELOPMENT SEMINARS / WORKSHOPS

2022 Girls for Girls Training in leadership

2021 Customer Care Service Training

2020 Participated in Theory & Practical training Safe use of Ladders – Watoto Ministry 2019 Certificate in Occupational Safety and Health – Nakawa Vocational Institute

2017 Morph (Youth) Camp under Watoto Church Ministries

2015 Junior Achievers' conference organized by Junior Achievement
Uganda 2011 Youth Camp under New Life Ministries

8. REFEREES

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