

Arnold Uwamwezi

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Education

Refractory

Certificate in Software Engineering

Kampala, Uganda

Feb 2024 – June 2024

Guangdong Pharmaceutical University

Bachelor of Science in Computer Science.

Guangzhou, China

Sept. 2016 - June 2020

Technical Skills

Languages: JavaScript, TypeScript, Python, Java, HTML/CSS, Bash Script (Shell)

Frameworks: Node.js, Express.js, Next.js, React, Vue, API, MongoDB, Mongo Atlas

Developer Tools: Git, GitLab Visual Studio Code, Lean & Agile Methodologies, Cloud Computing principles,

Libraries: moment.js, chart.js, jQuery, bootstrap

Added Language Technologies: UML, Gherkin, OOP, S.O.L.I.D Principles, TDD, BDD, CICD

EXPERIENCE

Refractory (IT Hub)

Kampala, Uganda

Apprentice

July 2024 – Present

- I built a dynamic software application that solved a real-world problem for a school using MongoDB, express, pug, vue, and node and JavaScript.
- I assist in coding, testing, and debugging software applications.
- I do training sessions and workshops to build foundational tech skills.
- I emphasize Agile principles, including roles such as Scrum Master, Project Owner, and team member, to optimize the development process and enhance teamwork.
- I collaborate with team members on projects, contributing fresh ideas and perspectives.

Treasure World Ltd (Gemstone Company)

Guangzhou, China

IT Specialist

June. 2021 - Sept 2023

- I ensured the IT infrastructure supports the company's operations efficiently, including website management, online sales platforms, and data security.
- I created a tracking system maintaining records of inventory, including certification details, quality grades, and supplier information.
- I utilized IT systems to track the movement of sapphires through certification, storage, and sale processes.
- I regularly reviewed processes and systems for efficiency and effectiveness, implementing improvements as needed.
- I oversaw the integration of IT systems that support inventory management and marketing efforts, ensuring seamless data flow between systems.
- Installed and configured computer hardware, software, systems, networks, printers, and scanners; setting up accounts for new users
- Implemented and oversaw a quality control process for verifying the specificity and quality of sapphires. This involves assessing color, clarity, cut, and carat weight according to GIS standards.
- Developed and executed digital marketing strategies that leverage GIS certification and quality as key selling points. Utilize social media: TikTok, Douyin, Taobao, and other Chinese social media apps.

Projects

DayStar Daycare <i>Management System - JavaScript, Node.js, Vue.js, Pug, MongoDB,HTML/CSS</i> <ul style="list-style-type: none">• Used Vue.js to build the front-end and implemented responsive design using CSS frameworks like Bootstrap .• Implemented client-side routing using Vue router and used Express.js to create the server and define the API routes.• Defined schemas for various entities like Students, Teachers, and sitters, using Mongoose• Used MongoDB Atlas for cloud-based MongoDB deployment.• Software solution helped DayStar daycare to manage its business and manage its database system for backend.• Used Human Centered design solution in getting challenges of the school by interviewing school staff	March. 2024
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Music App <i>Multimedia, Hypertext and Information Access — Express, React, MongoDB, JavaScript, Node.js</i> <ul style="list-style-type: none">• Developed a web application which plays music and podcasts• Users can input HTML or text files, and the app can store the songs . Utilizes Restful APIs to provide CRUD operations	Jan. 2024 - May 2024
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Personal Blog <i>Computer Systems</i> <ul style="list-style-type: none">• Developed a personal web server that includes functionalities like file serving, streaming MP4 videos, and integrating token-based authentication through JSON Web Tokens (JWT).• Designed server to support both IPv4 and IPv6 protocols and HTTP/1.1 protocol.• Provides authentication by entering a username and password; the server issues a JSON Web Token (JWT) as a cookie to the client upon successful authentication.	Oct. 2023 - Dec. 2023
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LEADERSHIP

Head of Computer Club, Guangdong Pharmaceutical university	Sep. 2018 – April 2020
Goma Raha Ltd Co-founder & CEO	Sep. 2018 – April 2020

ADDITIONAL

LANGUAGES: Kinyarwanda (native), English(fluent) , French(Fluent), Swahili(Fluent), Chinese Mandarin(Basic), Runyankore(proficient), Kirundi(Basic), Luganda(Basic)
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