

DORCUS NAGADYA

software engineer

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PROFESSIONAL SUMMARY

Recent Tech I.S. graduate with skills in Web Development. Demonstrating an understanding of full-stack Web Development and prove the ability to learn languages and frameworks with minimal support.

PROFESSIONAL SKILLS AND INTERESTS

- HTML5
- Algorithms
- Reactjs
- REST API
- CSS
- Python
- Docker
- JavaScript
- GitHub Portfolio
- Postman
- postgresQL
- Aws
- mySQL
- Django
- Kubernetes
- Node j.s

EDUCATION

Full Stack Web Development Bootcamp Annie Cannons

Full Stack Web Development I.S. Programming School

AA in Radio Television and Film Production The Radio Television and film Training Center

Additional Professional Development:

- **Full Stack Web Development** ([Cert. #NumberWithLink](#)) Issued by TECH I.S. Programming School (2023)
- Completed courses in Data Structures and Algorithms, and Basics DevOps,.
- Badge signifies expertise in full-stack Web Development, including independent learning of languages and frameworks.
- Developed projects to gain practical insight into production applications and key CS concepts, enhancing coding proficiency.
- Proficient in agile development methodologies, evidenced by hands-on experience in group development and CI/CD implementation.

PROFESSIONAL SKILLS DEMONSTRATED

AnnieCannons

Date – Present

Junior Software Engineer

- Actively contribute to the development of innovative software solutions to empower mental health clinicians and individuals seeking support services.
- Collaborated with cross-functional teams to design and implement full-stack code using JavaScript, node.js, express.js, HTML, and CSS.
- Optimized database performance using SQL, ensuring seamless access to critical information.
- Developed and maintained RESTful APIs to enhance interoperability and functionality.
- Work remotely utilizing collaboration tools such as Slack, Zoom, and Jira to maintain effective communication and productivity in virtual work environments.

UGANDA BROADCASTING SERVICES

2016 -2018

NATIONAL TV PRODUCER

- Conceptualized and developed program ideas, created storyboards and scripts, and managed production teams.
- Oversaw an in-house creative and technical unit/crew in the development, production, and post-production of programs.
- Ensured high-quality coverage, accuracy, and integrity of programs, resulting in a competitive position in the market.
- Invited guests and audiences for programs and taping, and maintained the creative vision throughout the life of a project.

INSTACART | 2021 - PRESENT

DELIVERY DRIVER

- *Responsible for picking up items from stores and delivering them to customers' homes or businesses*
- *Scanned items and entered information into the company's electronic inventory system*
- *Communicated with customers about order and delivery status*
- *Collected payment through various methods such as cash or mobile payment apps*
- *Ensured timely and accurate deliveries while providing exceptional customer service.*

RELEVANT PROJECTS

I was selected to compete in the CyberSentinel Capture the Flag competition hosted by Correlation One and the United States Department of Defense. It was an 8-hour long competition with several technical categories. I placed 510 out of approximately 5,000 challenge participants who were selected to compete from an application. I was able to complete 2 of the competition challenges.

Have you been here before? (OSINT)

In this challenge, we were given a photograph and were tasked with identifying the MAC Address of the Wifi network that the person who took the photo was connected to:

I first tried to determine if the image had any location metadata attached to it but was unsuccessful. I then read the coffee cup which said PAUL. I googled the company and found that it was a worldwide coffee chain with one location in the United States — in Washington DC. I went to Google Maps in streetview to confirm the location, which was the location this photograph was taken at.

Then I had to figure out how to find the WiFi address at this coffee shop. I did some research and found that I had to use a tool called [WiGLE](#) to find the WiFi network as well as the MAC Address. I entered the address of the coffee shop and looked at the entry for their guest WiFi and then found the MAC Address, which was the flag.

Targeting (OSINT)

For the second challenge "Targeting" with the two pictures provided, I used Google's Image search engine. I also used ourairports, I've never really used it before so I thought it wouldn't be a bad idea to check it out. The picture I ended up using was plane.jpg. The other one, imagery.jpg had too much going on and was getting results of space images haha. When I got the results for the plane.jpg, one of the links that was pulled up that was a bit further down the results sent me over to an X post that provided a clear image and the name of the airfield. From that point all I had to do was find the ICAO code for that specific airfield online.

48in48

I also volunteered in the 2024 Social Justice event for 48in48 where we built a website using wordpress in 48 hrs, for charity in texas, I worked alongside a dedicated team to develop impactful solutions for these non-profit organizations. This experience reinforced my belief in the power of teamwork and the importance of leveraging diverse perspectives to achieve common goals.

OTHER RELEVANT INFORMATION

Additional Languages: Swahili | Luganda

Technical Skills:,