

DORCUS NAGADYA

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EDUCATION

- **Full Stack Web Development Bootcamp**
Annie Cannons & Tech I.S. Programming School
- **Bachelor's degree in mass Communication**
The Radio, Television, and Film Training Center

TECHNICAL SKILLS

- **Languages:** Python, JavaScript, SQL, HTML, CSS
- **Databases:** MySQL, SQL Server, PostgreSQL
- **Frameworks:** Django
- **Software Development tools:** Docker, Lambda Git, Azure services, AWS Services, RDS, Azure AI and Document intelligence

EXPERIENCE

- **Junior Software Engineer at Annie Cannons** June 2023 - Current
 - Leading the effort to make changes to reset the biometrics.
 - Developed and maintained RESTful APIs to enhance functionality and interoperability.
 - Developed innovative software for mental health clinicians and support seekers.
 - Designed and implemented full-stack code using JavaScript, Node.js, Express.js, HTML, and CSS.
 - Optimized database performance using SQL for seamless access to critical information.
 - Developed and maintained RESTful APIs to enhance functionality and interoperability.

PROJECTS

- **CyberSentinel Capture the Flag Competition**
 - Competed in an 8-hour competition hosted by Correlation One and the U.S. Department of Defense.
 - Placed 510 out of approximately 5,000 participants, completing 2 technical 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.
- **48in48**
 - 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.
- **Community Website** Uganda Association in Minnesota
 - i loved working on this project, and contented that i provided Uganda Association in Minnesota with a robust platform for community engagement. this website has a secure user registration, an integrated payment system, an active events gallery, and a functional online store to manage memberships, event registrations, and product sales efficiently, all while maintaining a user-friendly interface that keeps community members engaged and on the site throughout their interactions.
 - User Registration: Implemented a secure system for community members to create accounts. Payment Integration: Developed a payment system that keeps users on the website throughout the transaction process. Events Gallery: Created an active gallery to showcase association events. Online Store: Set up a shop with a working payment method, integrated seamlessly into the website.
 - Payment Processor Selection: Prioritized choosing a suitable payment processor to begin API integration. Template Selection: Found an appropriate template that aligned with the association's needs and aesthetic preferences. API Integration: Developed the shopping cart and payment system around the chosen API. Product Listing: Worked with the association to list all products and registration options in the store.
 - Treated event registrations as products within the store system. Integrated the store seamlessly with the payment system. Compiled a comprehensive list of products, including physical items and event registrations.