

Yannick S. Fumukani

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EDUCATION

Iowa State University | Ames, Iowa

Jan 2021 - May 2023

Bachelor of Science, Software Engineering

PROFESSIONAL WORK EXPERIENCE

Full Stack Software Engineer | **Brina Hair Beauty** | **Contract - Remote** | <https://brinahairbeauty.store>

May 2023 – July 2023 [3 months]

- Gathered customer requirements
- Implemented the front and backend of the platform with user authentication, roles, and booking features using ReactJs and NodeJs for a fast, secure, and satisfying user experience and deployed to AWS

Full Stack Web developer | **Creative Slash** | **DRC/Africa**

Jan 2013 – Feb 2014

- Created a secured dynamic website for the company using JSP and Mysql
- Maintained the website for a better user experience and security.

Full Stack Web developer | **Saconet** | **DRC/Africa**

Dec 2011 – Jan 2013

- Created a secured website for the company using Drupal for easy management and features addition.
- Maintained all the website modules for higher security.

Full Stack Web developer | **OJMA DRC NGO** | **DRC/Africa** | **Contract** | <https://ojma-rdc.org/>

Jun 2011 – Aug 2011

- Created and secured the website using Drupal, PHP, and Mysql
- Implemented a custom theme using Twig to make it look clean, unique, and professional.

Lead Web Developer | **Skywave** | **DRC/Africa**

Nov 2010 – Dec 2011

- Led the web development team of the company.
- contributed to the creation of secured websites using Drupal, PHP, Java, and Mysql

PROJECTS

SkinLesionDetector | **SE 491** | **SE 492**

- Build and trained an AI Model to classify skin lesions as benign or malignant using Keras, TensorFlow, and convolutional neural network (CNN)
- Designed and implemented the front end of a cancer AI-based application with ReactJS so the prediction is fast, elegant, and clear to the users.

Cy-Activity | **COMS 309**

- Implemented and optimized the backend of a student activity app utilizing Springboot for thousands of daily users.
- Designed and built the backend of the application using Spring boot, Hibernate, and MySQL
- Secured the application using Spring Security to protect against unauthorized access

Pro resume builder | COMS 319:

- Designed and built the platform's backend using Node.js and MySQL.
- Optimized the backend to support thousands of users concurrently.
- Deployed the application to the university server.

Pokemon | COMS 327:

- Designed and Implemented a Pokemon-like game using C++
- Tested and Compiled it for Windows, Linux, and Mac

NON-TECHNICAL WORK EXPERIENCE

Team leader | Nordstrom, Cedar Rapids, IA

July 2018 – Dec. 2020

- Processed customer return items
- Led team members for a specific line

Assembler | Whirlpool, Amana, IA

Jul 2017 – Apr 2018

- Contributed to the fridge assemblage

Ergo captain | Tyson Foods, Columbus Junction, IA

Apr 2014 – Jul 2017

- Supervised over 200 people to prevent injury by helping them work in the right position while performing their tasks.

RELEVANT SKILLS

- **Programming languages.:** HTML, Css, JavaScript, Typescript, SQL, JAVA, Swift, C#, C/C++, SQL, and Python
- **Frameworks:** ReactJs, Angular, Springboot, Dotnet, NextJs, React Native, and SwiftUI
- **Tools & Others:** Git, Mysql, PostgreSQL, Neo4J, MongoDB, AWS, Docker, Linux, and Figma
- **Soft skills:** Strong communicator, problem-solver, self-motivated, and constant-learner