

Contact Information:

Goodness Dare

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Summary:

Product designer and software engineer with mechanical engineering and QA background. Expertise in designing healthcare solutions in Africa, user-centered design, 3D modeling, Git, Javascript, and React, with the ability to work across cross-functional teams.

Work Experience:

Software Engineer & Founding Product Designer

Octosoft Technologies | Lagos, Nigeria | 07/07/2021 - Present

- Implemented user management, account creation, and authentication feature.
- Simplified tenant onboarding with a 3-step process, auto-setup upon completion to increase user acquisition.
- Implemented the 'Expense app' web-admin dashboard in React and styled-component.
- I led the design in creating and executing end-to-end design for a flagship Enterprise solution, through collaboration with multiple teams and effective management.
- I managed mobile app design for an all-in-one healthcare platform, aligned changes to meet requirements, and created mockups for app store deployment.

Frontend Developer

Healthstack Africa | Lagos, Nigeria | 07/11/2021 - 31/12/2022

- Led conversion of legacy code to React Typescript and MUI library, resulting in fully responsive, cross-browser compatible pages and implementation of 118n
- Integrated application with APIs using Feathers JS, resulting in a 200% improvement in the system's speed and performance.
- Reduced system redundancy by eliminating unnecessary component duplicates, resulting in improved speed and 2 month reduction in development time.
- I worked on the feature for PDF printing and report generation.

Design and Developer Hybrid, Founding Product Designer

Fireswitch Technologies | Lagos, Nigeria | 01/01/2020 - 18/06/2021

- I led the design process for the initial version of Renitrust (Escrow Platform) which led to the successful adoption of related products, resulting in increased customer retention and 25% of subscribers opting for paid tier.
- I was responsible for designing the product's system and training interns within the company.
- I led a team of research and product designers in the consumer goods delivery industry.
- I oversaw the redesign and development of the website www.shedahouse.com using React JS.

Design Engineer

05/2020 – 12/2021 | Think Electric Africa, Lagos, Nigeria

- Worked as a 3D CAD designer for various project deliveries and was a part of the design team for the proposed EV conversion, coming up with designs for induction motors.

Engineering and Quality Assurance Intern

06/2019 – 06/2019 | Dormanlong Engineering Ltd, Lagos, Nigeria

- I gained knowledge in selecting hardware and designing detailed designs using PV Elite, Compress, and Autodesk Solutions.
- I collaborated with senior engineers, prepared design documents for trackwork, and assisted with engineering calculations, design drawings, cost estimates, and field visits to observe construction progress.
- I monitored and processed information for regulatory compliance, and assisted in internal auditing and the migration to ISO 9001:2015.

Engineering Intern

09/2018 – 10/2018 | Palfe Engineering Consult, Ibadan, Nigeria

- I participated in the design of Mechanical, Cold, and Hot water systems, as well as Electrical and lighting systems.

Engineering Intern

12/2017 – 02/2018 | TAT Engineering Ltd, Ibadan, Nigeria

- I participated in team-building, worked with a team of interns on a gear-cutting project, and received gear-cutting training.

Projects and Collaborations

- Project Lead - useEducator.com
- Design and Frontend Developer - quicksell.store
- Frontend Developer - Credit Village
- Tech lead - tryflow.com
- Design Lead and Frontend Developer - ABI Smartly
- Project Lead - Health-Guard

Achievements and Conferences

- Co-founder and Technical Product Lead of www.trymiflow.com
- Semi-finalist in the Rice 360 Design Competition - 2021
- Finalist in the ABEC Design Competition - 2020
- Winner of the Cartedo Design Thinking Challenge - 2020
- Winner of the \$5000 Origin Africa-Mastercard grant and Co-founder of Insucare
- Attendee - ESOP 2021 Conference (EuroBrake).

Skills and Technology Stacks

- Proficient in product design tools such as Figma, Illustrator, Adobe XD, Framer, and Photoshop.
- Skilled in wireframe CC, and 3D modeling tools like Blender Fusion 360, Autodesk AutoCAD, Autodesk Inventor, and PVElite.
- Experience in rapid prototyping, PCB circuit design, and Arduino programming.
- Experience in Javascript, Fortran, Typescript, Next JS, React JS, Node JS, and Python.
- Knowledge in mental models, spectral mapping, micro, user research, user flow, A/B testing, and interaction design.

Education

- B.Sc in Mechanical Engineering from the University of Ibadan (2015-2020)