




# OTONBARA ALFRED OKOLAI

Civil Engineer • Cloud Engineer • DevOps • Front-End Developer

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Motivated multi-disciplinary professional with a strong foundation in civil engineering, cloud computing, and front-end development. Skilled in leveraging technical expertise to deliver innovative web applications and sustainable engineering solutions.

## EDUCATION

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**Bells University of Technology:** College of Engineering

B.Eng Civil and Environmental Engineering (02/2021 – 02/2025)

**Charles Dale Memorial International School**

WASSCE • JAMB (09/2012 – 07/2017)

## EXPERIENCE

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**Greenstand**, Anchorage, United States (10/2024 – 12/2024)

FRONT-END DEVELOPER (VOLUNTEERING)

Volunteering as a junior front-end developer helping in anyway I can to build new apps or refactor codes for their web app.

**Eretek Engineering Nigeria Ltd. (EENL)**, Yenagoa, Nigeria (07/2023 – 12/2023)

CIVIL ENGINEERING INTERN

Internship as an undergraduate civil engineer in a construction company constructing a 1.9km road network and 4km stormwater drainage network for Niger Delta Power Holding Company (NDPHC).

**Koe Procurement and Services Ltd. (KPSL)**, Yenagoa, Nigeria (04/2023 – 06/2023)

CIVIL ENGINEERING INTERN

Internship as an undergraduate civil engineer in a firm tasked with building 40 flats of 5 bedroom duplex for the state government.

**Koe Procurement and Services Ltd. (KPSL)**, Yenagoa, Nigeria (08/2022 – 10/2022)

CIVIL ENGINEERING INTERN

Internship as an undergraduate civil engineer in a firm tasked with building 40 flats of 5 bedroom duplex for the state government.

## SKILLS

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### Soft Skills:

- Verbal and written communication, Teamwork, Problem solving, Attention to Details

### Technical Skills:

- Programming Languages: Python, JavaScript, TypeScript, HTML, CSS, Tailwind CSS, Bootstrap CSS
- Frameworks: React.js, Django, Next.js
- Cloud Computing: AWS, Git, GitHub, Firebase
- Engineering: AutoCAD, SketchUp

## CERTIFICATIONS & LICENSES

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AWS Certified Cloud Practitioner

## PROJECTS

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### Rugged Gentleman (E-Commerce Website)

- Built a responsive e-commerce website using Next.js, TypeScript and Tailwind CSS.
- Implemented multi-product page, dynamic checkout and cart functionality, enhancing the user shopping experience.

[Live Demo](#) | [GitHub](#)

### Jack Suites Website

- Built a responsive hotel website using React.js, JavaScript and Tailwind CSS.
- Dedicated pages for rooms, services, and contact.

[Live Demo](#) | [GitHub](#)

### Soteria Eye Cline Website Redesign

- Collaborated with a team of front-end developers to redesign the clinic's website using HTML, CSS, and JavaScript.
- Delivered a clean, modern design with improved mobile responsiveness, enhancing user experience.

[Live Demo](#) | [GitHub](#)

### Crafted Comfort (E-Commerce Website)

- Designed a furniture website using HTML, CSS and JavaScript with a clean, intuitive layout for seamless product browsing.
- Implemented responsive features for optimal performance across devices.

[Live Demo](#) | [GitHub](#)

## SkillMatch Website

- Built a responsive job matching platform with React.js, Tailwind CSS, Django, and Firebase
- Integrated Google sign with Firebase

[Live Demo](#) | [GitHub](#)