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Software Engineer

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OBJECTIVE

As a Senior Frontend Engineer with a deep passion for creating engaging, high-performance web interfaces, I bring extensive experience in modern frontend technologies and a solid foundation in backend development with Django and Node.js. I have successfully deployed and maintained applications on Linux and AWS servers, ensuring scalable, secure, and efficient solutions. While my core expertise lies in frontend development, I have proven backend skills that enable me to build robust, full-stack applications.

EXPERIENCE

February 2023 - Present

- **Software Engineer**
  Georgetown Global Health Nigeria

  - Situation: Georgetown Global Health Nigeria, in collaboration with the Federal Government of Nigeria through NACA, required an electronic laboratory information system (eN-LIS) to enhance data collection and laboratory workflow optimization.
  - Task: I joined the team to design, develop, and maintain the eN-LIS using ReactJS, Redux, and Django.
  - Action: Contributed in the design, development, and maintenance of the eN-LIS using ReactJS, Redux, and Django.
  - Result: Streamlined data collection and analysis processes, resulting in increased research project efficiency

March 2022 - February 2023

- **Frontend Engineer**
  OneHealth

  - Situation: The OneHealth team needed to develop a browser-compatible delivery and product tracking web app for pharmaceuticals.
  - Task: I was responsible for designing, developing, and optimizing the web app using Next.js, TypeScript, and Redux.
  - Action: Designed, developed, and optimized a browser-compatible delivery and product tracking web app using Next.js, TypeScript, and Redux.
  - Result: Achieved a 30% increase in website load speed, positively impacting user experience.

March 2021 - March 2022

- **Frontend Engineer**
  Ehealth4Everyone

  - Situation: Ehealth4Everyone sought a dynamic and browser-compatible web application for the Federal Ministry of Health.
  - Task: I was entrusted with designing, developing, and implementing key features of the application.
  - Action: I spearheaded the development and implementation of several crucial features for the Federal Ministry of Health.

    - Conducted regular UI audits and integrated stakeholder feedback
    - Streamlined data retrieval and management by integrating RESTful APIs, improving application efficiency and performance.

- Collaborated with the engineering team to establish unit tests.

  - Result: Enhanced data visualization using Highcharts, reducing data processing time by 70%.

  - Key Achievements:

    - Reduced data processing time by 70% via RESTful API integration and IndexDB optimisations.

    - Elevated lighthouse optimization score by 40% through manual unit testing infrastructure.

January 2020 - March 2021

- **Frontend Web Developer**
  Mira Technologies

  - Situation: The Mira Technologies team needed to develop a user-friendly application with interactive features to optimize traffic and improve UX.
  - Task: I was responsible for designing, developing, and conducting UI audits for the applications.
  - Action: Designed and developed a user-friendly application with interactive features, optimizing traffic and improving UX.
  - Result: The Mira Technologies team was pleased with the performance of the application and the improvement in traffic and UX.

PROJECTS

- **My Portfolio**
  https://bzdavid.netlify.app/
- **Electronic Laboratory Information Management System**
  https://en-lis.com
- **NPHCDA's PHC Dashboard**
  https://phc.nphcda.gov.ng/
- **Multi-Source Data Analytic and Triangulation Resource (Msdat)**
  https://msdat.fmohconnect.gov.ng
- **PILLMOVA**
  https://pillmova.co/

REPOSITORY

- **GITHUB REPOSITORY**
  https://github.com/traj3ctory

EDUCATION

2015 - 2019

- **Computer Science**
  University of Benin
  2.1

SKILLS

HTML,CSS(and its preprocessors), Styling and Component Libraries

100%

Experience with JavaScript (TS) Frameworks (i.e React, Vue)

80%

Proficient in Node.js (Express) and Python (Django)

60%

Version Control tools (git)

80%