AGHUGHU PAULINUS AYERE

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As a skilled frontend web developer with a passion for creating exceptional user experiences, I am eager to leverage my expertise in TypeScript, JavaScript, HTML, CSS, and Angular to contribute to an international, high-tech manufacturing company's advanced Tech Team. With a strong foundation in frontend development, I am dedicated to delivering innovative solutions and collaborating with cross-functional teams to ensure the operation and maintenance of cutting-edge applications.

EXPERIENCE

SEPT 2022 – CURRENT

WORKING STUDENT, FRAUNHOFER SCAI

- Developed a responsive web application for data visualization using React, TypeScript, and Plotly/D3.js, enabling users to explore and analyze complex auto accident datasets.
- Collaborated with backend development team to understand API specifications and requirements.
- Implemented front-end components and UI screens to consume and display data from provided APIs.
- Collaborated with a team of designers and developers to design and implement new features, improving the user-friendliness and functionality of the application.
- Utilized best practices for web development, including code optimization and version control, to ensure the maintainability and accuracy of the simulations and visualizations.
- Worked with CAE engineers and safety experts to create custom data visualizations and simulations, providing valuable insights into the risk factors and impacts of auto accidents.
- Develop and maintain single-page applications and static websites using JavaScript/Typescript, HTML, and CSS.
- Demonstrated proficiency in version control (Git), issue tracking (Bitbucket, Jira), and continuous integration/continuous deployment (CI/CD) processes using Jenkins, ensuring smooth development workflows and efficient collaboration within the team.

MAR 2021 – AUG 2022

FRONTEND DEVELOPER, SPACE INNOVATION CONSULTING LTD
PROJECT: SMART SHIPPING PLATFORM

- Led the development of a peer-to-peer shipping platform for a startup company, utilizing HTML5, CSS3, JavaScript, and MySQL. Improved website performance and user engagement by implementing responsive design and user-friendly features.
- Architected and built an React, TypeScript app that consumed third-party APIs, resulting in faster API response times and improved user experience.
- Developed and maintained various web applications using HTML, CSS, JavaScript.
- Collaborated with cross-functional teams to gather requirements and deliver projects on time with high quality standards.

- Utilized design thinking, user experience design, and visual communication skills to create visual representations of user stories using Figma. Achieved more user-centric design and improved user engagement.
- Engineered dynamic and interactive user interfaces by utilizing JavaScript to enhance the user experience and increase user satisfaction.
- Developed reusable and maintainable code using React and TypeScript to reduce development time for future projects.
- Optimized data retrieval and manipulation by implementing GraphQL, resulting in more efficient API calls and improved performance.

EDUCATION

OCT 2021 - APRIL 2022

WEB DEVELOPMENT BOOTCAMP PROGRAM, TECHLABS DORTMUND

- Frontend web development bootcamp, covering HTML5, CSS3, JavaScript, React, RESTful APIs, and UX design.
- Git for version control, optimization of website performance, and securing web applications against common vulnerabilities.

OCT 2019 – JULY 2023

M.SC. TROPICAL HYDROGEOLOGY AND ENVIRONMENTAL ENGINEERING, TECHNISCHE UNIVERSITAT DARMSTADT

OCT 2007 - NOV 2012

APPLIED GEOPHYSICS, FEDERAL UNIVERSITY OF TECHNOLOGY AKURE

SKILLS

- **Technical Skills**: React.js | Angular 14 | TypeScript | JavaScript | | SQL | GraphQL | Git | Firebase | Redux |html5, |CSS3 |Plotly |D3.js |Nodejs |Netlify |Tailwind

- **Soft skills**: Agile Methodologies | Communication | Project Management | Problem-solving | Teamwork | Continuous learning

SOFTWARES

Teams | VSCode | Miro | GitLab | Github | maven | Slack | Jira | Scrum | Google Cloud maven|Postman