AGHUGHU PAULINUS AYERE

DARMSTADT, GERMANY · +4915752081414

paulinusaghughu@gmail.com · LinkedIn Github

As a skilled frontend web developer with 2 years of experience, I specialize in creating visually appealing and user-friendly websites using the latest technologies such as HTML, CSS, Bootstrap, JavaScript/Typescript, Angular, React, Recoil, GraphQL, Reactplotly, and Threejs. My expertise lies in translating business requirements into efficient and effective code, resulting in successful project delivery. Continuously seeking new challenges and staying up-to-date with the latest trends and best practices in web development, I am passionate about creating innovative and exceptional user experiences. I am confident that my skills and passion would make me a valuable addition to any team.

EXPERIENCE

SEPT 2022 – CURRENT
WORKING STUDENT, FRAUNHOFER SCAI

- Developed a responsive web application for data visualization using React, TypeScript, and Plotly, abd D3.js enabling users to explore and analyze complex data sets related to auto accidents.
- Implemented state management and data fetching techniques, including Redux and Axios, to optimize the user experience and ensure the reliability and scalability of the application.
- 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.
- Collaborate with development, product, UX, and UI teams to ensure an innovative design system with excellent alignment and usability.
- Expand the design system by creating new UI components resulting in increased design consistency.
- Develop and maintain Front-End features, including user interfaces, data visualization, and interactive controls to handle big data management and manipulations.
- Implement Recoil state management for effective data management, integration, and rendering of the application.

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 a React, TypeScript, and GraphQL 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, SAS, jQuery, and PHP. 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 – OCT 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 11 | TypeScript | JavaScript | | SQL | GraphQL | Git | Firebase | Redux |html5, |CSS3 |Plotly |D3.js |Nodejs

- **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