THEODORA ASARE

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Summary

Frontend engineer with an Electronic/Electrical Engineering background and experience with MEST in building amazing websites

Skills

Languages: HTML | CSS | JavaScript | Tailwind CSS
Frameworks: React | Bootstrap
Other: Git | GitHub | Figma | Arduino | PLC

Experience

MEST AFRICA – Greater Accra | Frontend Engineer | 04/2025 - Present
- Participated in a structured web development training program focusing on front-end technologies.
- Built responsive and user-friendly web interfaces using **HTML5, CSS, JavaScript**, and **Tailwind CSS**.
- Gained hands-on experience with **React.js**, version control using **Git & GitHub**, and integrating third-party APIs.
- Assisted in developing and debugging components in live projects under mentorship.
- Collaborated with team members on projects, improving teamwork and problem-solving skills.
- Completed tasks including form validation, page routing, responsive layouts, and deploying projects using **Vercel** or **Netlify**

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PIONEER FOOD CANARY – Greater Accra | Electronics/ Instrumentation Technician | 11/2023 – 12/2025
- Coordinated and issued work orders (SAP) to facilitate efficient inventory management**.**
- Maintained and repaired electronic systems, instrumentation, and control systems
- Managed work orders and maintenance schedules
- Configuring of programming control systems (PLC and SCADA)

Projects

Web Development Trainee Projects

- Developed and contributed to multiple web-based projects, applying skills in **HTML, CSS, Tailwind CSS, JavaScript**, and **React.js**.
- **Foreign Pal (Personal Project)** – Designed a game-themed website based on an original story concept, laying the foundation for a future interactive game experience using HTML, CSS.
- **EventHive (Team Project)** – Collaborated on a React-based event management platform for college events, handling UI components and integration.

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- **Hotel Landing Page (Solo Project)** – Created a clean and responsive promotional website for a fictional hotel brand, focusing on layout and visual appeal.
- **Developer Portfolio (Personal Project)** – Designed and developed multiple versions of a portfolio site using HTML and React, showcasing personal and team projects.
- **Agricultural Ad Management System (Team Project)** – Built a platform in React for managing agricultural product ads, working on component structure and form handling.
- **Book Management System (Team Project)** –Developed a book inventory and lending system using React, focusing on dynamic routing and data display.
- **Food Website (Personal Project)** – Created a food-themed website with focus on layout, design consistency, and responsive UI.

Electrical / Electronic Project

- **Water Re-use System** : Built a thawing and chiller room water reuse system plan for Pioneer Canary food processing company
- **Car Parking System :** Built an electronic car parking system using Arduino

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HND Graduate, Electrical / Electronics, Graduation: 09/2023
Accra Technical University,
Greater Accra - Accra

Awards & Certifications

Certificate in Electrical / Electronic Engineering