MARTHA AGU

agumartha053@gmail.com | https://github.com/Martha-cmd

Experience

SAMBA Research Institute   Dec 2023 - Apr 2024
Software Engineer (Mobile Dev)

- Developed mobile applications prominently a music streaming application.
- Implemented secure user authentication, including OTP and password recovery.
- Integrated subscription services, live streaming, and sermon playback using REST APIs.
- Enabled features such as downloads, playlist creation, and third-party payment processing.
- Ensured high performance and reliability through robust API integration and backend services.

Foodie   Sept 2023 - July 2024
UI/UX Designer

- Designed intuitive and visually appealing interfaces for three distinct user groups: customers, riders, and restaurants.
- Conducted user research to understand the needs and preferences of each user group, ensuring a tailored experience.
- Created wireframes, prototypes, and high-fidelity designs using industry-standard design tools.
- Collaborated with the development team to implement seamless user experiences, focusing on usability and accessibility.
- Enhanced user satisfaction and engagement by optimizing the app's navigation, interactions, and visual elements.user-friendly and efficient interface, enhancing overall hospital operations.

GOTH Teaching Hospital   June 2022 - Sep 2023
Software Engineer (Front-end Dev)

- Developed a comprehensive hospital management system using React.
- Implemented seamless onboarding processes for various hospital staff roles.
- Created modules for patient registration and communication among staff.
- Integrated inventory management for pharmacists using REST APIs.
- Ensured a user-friendly and efficient interface, enhancing overall hospital operations.

Projects

Online Course App (Flutter)

- Developed robust video play, playback, and full-screen functionality.
- Enabled download and offline viewing for uninterrupted access.
- Optimized memory management for media files.
- Created an admin app for uploading courses and app analytics.
- Integrated Firebase for authentication and secure payments.

E-Commerce Website (React and Node JS)

- I initially developed with PHP, later enhanced with React and Node.js.
- Features product listings, single product view, and checkout process.
- Integrated shipment information and newsletter sign-up.
- Implemented user login for personalized experience and cookie management.
- Enhanced performance and user experience with modern tech stack.

Budify (Figma)

- Designed an intuitive interface for scheduling monetary goals.
- Implemented features for users to allocate funds visually using images.
- Ensured a seamless user experience with clear navigation and engaging design.
- Focused on user-centric design to make budgeting easy and motivating.
- Created interactive prototypes to validate and refine design concepts.

Skills

Java, Dart, Flutter, UI/UX design, React, Redux, Agile, Node JS, PHP, CI/CD, MYSQL, Firebase, AWS

Education

APTECH Computer Science   Jan 2023
Diploma in Software Engineering