Onojefemue Oghenemine Emmanuel

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EDUCATION

University of Nigeria <div align="right">Enugu, Nigeria</div>
Bachelor of Science in Biochemistry <div align="right">*Nov. 2019 – Mar. 2024*</div>
Relevant Courses: Data Analysis, Bioinformatics, Biotechnology, Technical Writing

EXPERIENCE

Mobile Application Developer <div align="right">Nov. 2024 – Present</div>
BlueTag Technologies <div align="right">*Enugu, Nigeria*</div>

- Collaborated with design and development teams to create mobile frontend solutions using Flutter and Figma, expanding the company's web service accessibility across multiple platforms.
- Iteratively refined user interface designs based on stakeholder feedback and usability testing, ensuring optimal user experience and satisfaction.
- Partnered with backend engineers to optimize API performance and suggest architectural improvements for enhanced mobile application functionality.

PROJECTS

Whatsapp Clone | *Dart, Flutter, Firebase, BLoC, Clean Architecture, Node.js, Express.js, Cloudinary*

- Developed a full-stack chat application with a flutter mobile frontend and a Node.js/Express.js backend, leveraging Firebase for real-time messaging and cloudinary for media storage and delivery.
- Integrated Firebase SDK for instant chat synchronization, and build a robust REST API for advanced file handling, including multi-part upload via Express.js
- Design a scalable, maintainable frontend architecture using Clean Architecture principles and BloC state management, ensuring clean separation of concerns and high testability.
- Applied Git/GitHub version control workflows to streamline collaborative development and maintain code quality.

Netflix Clone | *Dart, Flutter, BLoC, Clean Architecture, JavaScript, Node.js, Express.js, MongoDB*

- Engineered a comprehensive full-stack streaming application featuring robust REST API architecture with Node.js/Express.js backend and Flutter mobile frontend.
- Integrated The Movie Database (TMDB) API to provide real-time movie data, advanced search capabilities, and user rating systems for enhanced content discovery.
- Architected scalable frontend using Clean Architecture principles and BLoC state management to ensure maintainable, testable, and decoupled application logic.
- Implemented comprehensive version control workflow using Git and GitHub for collaborative development and code management.

Fan Fund | *JavaScript, Node.js, Express.js, MongoDB, EJS, CSS*

- Built a comprehensive crowdfunding web platform using vanilla JavaScript frontend and Node.js/Express.js backend for seamless user engagement and transaction processing.
- Implemented server-side rendering architecture using EJS templating engine to deliver dynamic, SEO-optimized pages with improved performance and user experience.
- Designed and developed fully responsive user interface with custom CSS, ensuring optimal viewing experience across desktop, tablet, and mobile devices.
- Integrated MongoDB Atlas cloud database for scalable user data management, campaign tracking, and secure transaction record keeping.

Flutter Task Manager | *Dart, Flutter, Shared Preferences, Material Design*

- Developed a comprehensive task management mobile application featuring intuitive Material Design interface for efficient personal productivity and daily activity organization.
- Implemented persistent local data storage using Shared Preferences to ensure offline functionality, data integrity, and seamless user experience without internet dependency.
- Engineered responsive UI components with Flutter's widget system, delivering consistent user experience across various Android and iOS device screen sizes and orientations.
- Integrated advanced task management features including categorization systems, priority level assignments, and intelligent deadline reminder notifications to maximize user productivity.

TECHNICAL SKILLS

Languages: Dart, JavaScript, C#, HTML5, CSS3, SQL
Frameworks & Libraries: Flutter, Node.js, Express.js, React.js, Bootstrap, Tailwind CSS, BLoC Pattern
Databases & APIs: MongoDB, REST APIs, TMDB API, JSON, Shared Preferences
Developer Tools: Git/GitHub, VS Code, Android Studio, Postman, Swagger, Visual Studio, Figma
Architecture & Concepts: Clean Architecture, MVVM Pattern, State Management, UI/UX Principles, Responsive Design
Soft Skills: Team Collaboration, Project Management, Technical Communication, Problem-Solving, Agile Development