ISAAC ONAH
MOBILE SOFTWARE DEVELOPER

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PROFESSIONAL SUMMARY

Passionate Mobile Engineer: Crafting seamless user experiences, driven by curiosity and a love for continuous learning with 5 years of experience in mobile app design, development, testing, and deployment for iOS and Android platforms. Proficient in cross-platform and native development with great knowledge in Java, Kotlin, Swift, Dart (Flutter framework), JavaScript (React Native framework). Experience in API integration, apps with backend services, optimizing performance, architectures, OOP design principles, and leveraging third-party libraries, all while adhering to UI/UX design principles. Mentor junior developers to make wonderful mobile applications.

SKILLS

- Java/Kotlin
- Swift
- Dart (Flutter)
- JavaScript
- Android Studio / VsCode/Xcode
- GitHub / GitLab

- State management
- Restful/GraphQL APIs
- Testing and Debugging
- CI/CD and Deployment
- Database management
- Google Cloud / Firebase Services

- WebSocket / HTTP/Dio
- Payment Integration
- Postman / Swagger
- Trello / Jira / Asana
- Slack / Microsoft Teams

- Adobe XD / Figma
- Time Management
- Attention to Details
- Communication
- Team work
- Professionalism
- Empathy

EXPERIENCE

Senior Software Engineer: Enugu Electricity Distribution Company   September 2020 - Present
- Collaborated and coordinated with business stakeholders, project leads, and developers to gather requirements and establish project objectives and deliverables.
- Developed EEDC Customer application called EEDC CONNECT on play store, increasing company's revenue collection by 5% with in 6months.
- Seamlessly integrate third party APIs, improving system functionality and reducing development time by 20%.
- Develop and execute comprehensive tests and utilize Flutter DevTools for debugging.
- Manage app submissions and maintenance on the App Store and Google Play Store
- Refactoring legacy code, achieving a 35% reduction in bugs reported by users and increasing code maintainability, code review and mentoring junior developers.

Selected Project Experience (Java, swift, flutter)
- EEDC Connect - https://play.google.com/store/apps/details?id=com.eedc.eedcconnect
  - Material and Cupertino Design principles, custom widget creation, and responsive design techniques, UI and business logic implementation.
  - State management solutions (Get X) and Implementation of APIs (RESTful), and other backend services.
  - Implementation of payment gateways for transactional systems (Interswitch / Pay Stack).
  - Perform and write unit, integration, and widget tests using 'flutter_test' package, and available tools on android studio.
  - Deploy application on Google Play Console / Apple App Store Connect successfully with Firebase Analytics.

- Meter Reading app LORA (NDA Internally used) *(Kotlin, flutter)*
  - Being able to establish communication between MOJEC electricity meters and the mobile application for reading of customer energy consumption. Implementing Java and Dart(flutter) in a single app.
  - State management solutions (Provider) and Implementation of APIs (GraphQL), and other backend services. Database implementations with SQLite.
  - Agile methodologies, project management tools (Trello), version control (Git), and CI/CD tools (GitHub Actions, Jenkins).

Mobile App Developer: Cred Assess – London, UK. *(Kotlin, swift, flutter)*
- Developed fintech apps with features like bank transactions, loans, mortgages, and car finance.
- Utilized Google Firebase services for authentication, Firestore, and selective queries.
- Secured user data, designed user-friendly UIs, and maintained updates for chat and social media apps.
- Automated CI/CD processes and implemented monetization strategies.

Selected Project Experience
- Material and Cupertino Design principles, custom widget creation, and responsive design techniques, UI and business logic implementation using Flutter, Kotlin and Swift.
- State management solutions (Providers, Bloc) and Implementation of APIs (RESTful), and other backend services.
- Implementation of payment gateways for transactional systems (PayPal / Pay Stack / Stripe).
- Perform and write unit, integration, and widget tests using 'flutter_test' package, and available tools on android studio.
- Agile methodologies, project management tools (JIRA), version control (Git), and CI/CD tools (GitHub Actions).
- Deploy application on Google Play Console / Apple App Store Connect successfully.

PROJECTS

Zenith Stores | Admin Dash *(Java, swift, flutter)*
- A marketplace platform where retailers can publish products for sale, and buyers can purchase and chat with retailers about product details. A super admin oversees retailer onboarding and manages user processes.   - **08/2023 – 12/2023**

Flutter Learn app *(flutter)*
- New flutter developers can go to get resources and code snippets to enable them easily get into flutter development, kind of like giving back to the flutter community.

Music and Podcast Player *(JavaScript, React Native)*

FREELANCE/MENTORSHIP

Mentor Developer: Vtech Academy
- Utilized effective teaching methods to guide students from beginners to proficiency in web and mobile development, resulting in substantial skill advancement.
- Communicated complex technical concepts in an accessible manner.
- Fostered a collaborative atmosphere that encouraged peer problem-solving and engagement.

Selected Tool Experience
- Communication and Collaboration –
  - Slack / Microsoft Teams / Discord - Zoom / Google Meet
  - Miro / Lucid chart - For creating and sharing diagrams, flowcharts, and mind maps to explain concepts visually.
- Code Review and Version Control - ***GitHub / GitLab / Bitbucket***
- Pair Programming and Remote Collaboration - ***Visual Studio Code Live Share***
- Learning and Development Platforms - ***LeetCode / Hacker Rank***
- Task Management and Progress Tracking - ***Trello***
- Coding Standards and Best Practices - ***ESLint / Prettier***
- Mentorship and Feedback, Code Sharing and Snippets - ***MentorCruise*** / Gist ***(GitHub)***

EDUCATION

FEDERAL UNIVERSITY OF TECHNOLOGY OWERRI   **Imo State, Nigeria**
[Industrial and Applied Mathematics – B.Tech.]   **2011-2016**

APTECH COMPUTER WORLDWIDE   **Mumbai, India**
[Advance Diploma in Software Engineering – ADSE]   **2021-2023**