

# BELVI NOSAKHARE

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## EXPERIENCE

### Intelial - Mobile Engineer

Lagos, Nigeria January 2018 - Current

#### Helvie - *Kotlin*

- Implemented Network, Data and Api layer following android architectural MVVM pattern
- Improved android camera view performance to achieve preview capture on camera screen
- Implemented network security to ensure secure connection to external server.

### Appzone Group - Lead Mobile Developer

Lagos, Nigeria February 2015 - December 2017

#### Zone App - *5000+ reached*

- I led a team of mobile developers to built, developed and deployed Zone
- I ensured best practices were followed in implementing **security remediations**, **performance improvement**, **code reviews**, **version control**, **continuous delivery** and even in releasing **smaller apks**.
- Implemented end to end chat encryption to ensure secure communication between 200+ test users

#### Zone SDK - 5 Banks signed up for Integration

- Designed and implemented cross-platform Zone SDK architecture
- Led documentation and integration of Zone Android SDK into mobile banking applications
- I ensured the team practiced code modularization to achieve the SDK structure and library base dependencies.

#### DejaVu Mobile Framework - powering Zone App and 2 mobile banking applications

- Developed UI framework to dynamically render native android views and components
- Designed and Developed Framework Engine to orchestrate app logical flow from one step to another

### Freelance. Mobile / Backend Developer

Lagos, Nigeria August 2013 - Current

#### Open Traffic - *5000+ reached* - Aug. 2015

- Developed, tested and implemented algorithm to predict traffic from data retrieved from commuters devices
- Reduced cost and improved performance by over 60% using Google Big query
- Retrieve driving data from users device and present in meaningful context to commuters.

#### Digital Skills Africa Offline Kit - Google SSA - *5million+ to be reached* - May. 2016

- Designed architecture to distribute Digital Skills content to over 5 million offline users.
- Developed mobile app to enable user study offline content, track user progress and send cached update at the slightest internet availability.
- Design, developed and implemented algorithm to encode user data into 12 digit token that can be used to uniquely track verifiable details about a user.

#### Prep JAMBite (GCDC 2013) - **Backend Developer** — *3000+ reached.* - Dec. 2013

- With python on google app engine, I successfully built and managed backend requirement for **PrepJambite** (finalist in Google Cloud Developers Challenge 2013)

#### **Voluntary Activities and Mentorship Engagement** - *1000+ reached.*

- Serve as a mentor with Systems, an Anita Borg Institute Community in Google Code In 2016
- Volunteered in the Andela-Google Android Learning Community Program both as an organizer and facilitator to train over 1000 student on Android development in Nigeria.
- Prepping Zero to Project Ready Android Developer

## EDUCATION

### Formal - Education

University of Nigeria

September 2010 - August 2014

**Bachelor of Science in Computer Science**

### MOOC

Android Fundamentals

Associate Android Developer

### Mobile Development

iOS Development - Swift

Android Development - Java, Kotlin

### Other Relevant Skills

Python,

JavaScript,

Google Cloud Platform,

Google App Script

### Open Source Projects and Contributions

- MobileVisionBarcode Scanner
- Luhn
- Rationale
- Intent Manip
- Base Auth
- Unofficial Medium SDK
- PhoneNumber Validator
- Opentutlab
- Droid Snippet

### Codelabs

- Best Practices to Slimming down your app size