

# Osama Bin Shiraz

Software Developer | Tech Lead | CTO

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## Relevant Experience

### CTO @ OBS Technologia

Aug 2020 - Present // Islamabad. Pakistan

- Managed different projects and lead through initiation, planning, execution, control, and completion.
- Communicated & Collaborated with multi-disciplinary teams of Developers, Designers, Clients, and stakeholders daily.
- Scaled Technical Requirements, Time Management, Team Management, Task Management, and Reports Generation.
- Developed various Mobile Applications using Swift, Kotlin, React Native, Flutter.
- Web Applications using Next.js, React.js, Vue.js, Laravel, Symphony, and Python.
- Developed Custom Cocoa Pods Creation & SDK development.
- Implemented Payment Gateways such as Stripe, PayPal, CCBill, and Flutter wave such as :
  - Single Payment, Fixed Price Subscriptions, Payment Intents, Checkout.
  - Card Management, Pre-Authorized card and Bank Payments.
  - Merchant Payout (Stripe & PayPal).
- Implemented various Firebase techniques such as:
  - Authentication.
  - Firebase Messaging: Push Notifications & Real-Time Chat.
  - Crashlytics, Google Analytics & Performance Monitoring.
  - Dynamic Linking, Hosting & App Distribution.

### iOS Developer @ O3 Interfaces

March 2020 - Aug 2020 // Islamabad. Pakistan

- Development in Swift & Objective - C.
- Worked closely with product managers and designers to define a rich iOS experience for the user.
- Implemented UI/UX Auto Layouts, Swift UI & Storyboard.
- Performed Animations & Transitions in App Design.
- Improved Adaptive Layouts (Responsive to All Apple Devices).
- Implemented MVC, MVVM, MVP Architecture & Cocoa Pods in Swift & Objective - C.
- Improved product quality through Unit & UI/UX Testing.
- Implemented Core Data Base Management.
- Integrated In-App Push notification.
- Achieved Core Bluetooth functionality (Device Connectivity and Communication).
- Encrypted Data Algorithms (Security Layering).
- Integrated REST & SOAP APIs.
- JSON Data Handling.
- Enacted Core Graphics.

## Skills

### Project Management

- Tools:
  - JIRA, ClickUp, Trello & Asana..
- Methodologies:
  - Agile & Scrum.
- Communication:
  - Slack & Mattermost.

### Mobile App Development

#### React Native(Hybrid):

- TypeScript.
- Redux.
- Functional Components.

#### iOS (Native):

- Swift, SwiftUI & Objective-C.
- Autolayouts & Storyboards.
- MVC, MVVM & VIPER.

### Web Development

#### Backend / Rest APIs:

- Core PHP, Laravel & Symphony.
- Python.

#### Frontend:

- Blade & LiveWire.
- Vue.js, React.js & Next.js.

### DataBase Management

#### SQL

- Relational Database.

#### NoSQL

- Firebase Firestore & Realtime + MongoDB.

#### AWS

- S3 Bucket Wasabi S3 Bucket.

### DevOps/Automation

#### Platforms:

- AWS, Digital Ocean, Google cloud platform & CPanel,

#### Web Automation:

- CI/CD, Load Balancing, Golden Snapshot & Automated Backup.

#### Mobile App Automation:

- FastLane & Expo.

### Web Application Developer @ Developer's Lab

March 2018 - Jan 2019 // Islamabad. Pakistan

- Developed Asp.Net MVC Applications.
- Completed training project utilizing Spring MVC and JSP to create a basic data modification web.
- Developed 300+ SQL queries in Oracle.
- Worked on Server Side (Backend).
- Implemented Multiple User Functionalities.
- Scaled Session Handling.
- Implemented Data Encryption.
- Developed HTML, CSS, JavaScript & jQuery Websites.

### JavaScript & iOS Developer @ Airtango Pvt Ltd

May 2019 - Oct 2019 // Rawalpindi. Pakistan

- React.js Development.
- Used understanding of React fundamentals to promote better component lifecycle practices, increasing turnaround speed by 23% with 100% deadline adherence.
- iOS Development using Auto layout & storyboards.
- Followed documentation to always remain up-to-speed on what needs to be updated in response to new release versions.

## Education

### National University of Modern Languages

2016 - 2020 // Islamabad. Pakistan

Bachelor of Science in Computer Science.

## Courses

### Sign Up Solutions

2017 // Rawalpindi, Pakistan

iOS Development Course in Swift

### Nicon

2016 // Rawalpindi, Pakistan

C++ Programming (Visual Studio)

## Languages

### Full Professional Proficiency

English

### Mother Tongue

Urdu

## Projects

### UBL Digital (Fintech Banking App)

- Swift 5

### Randox Health (REMOTE LATERAL FLOW TEST RANDOX CERTIFLY)

- iOS (Customer App & Admin App)
- Laravel (Web App + Customer Support Portal + Tech Support Portal + Management Portal)

### iZero (Freelancing Platform)

- React Native (Mobile App)

- Laravel (Web App + Admin Panel)

### Payfran (Fintech eWallet)

- iOS & Android (Mobile App)

- Laravel (Web App + Admin Panel)

### VORides (Car Pooling)

- iOS & Android (Mobile App)

- Python Django (Web App + Admin Panel)

### Pet Friendly (Explore)

- React Native (Mobile App)

- Laravel (Admin Panel)

### eCareDocta (Doctor/Patients Consultation)

- React Native (Mobile App)

- Laravel (Admin Panel)

### ATS Ticketing (QR Code Validation)

- React Native (Mobile App)

- Laravel (Admin Panel)

### WC Flash Math (LMS)

- iOS & Android (Mobile Apps)

- Laravel (Admin Panel)

### Writer's Lock (Note Taking)

- iOS Mobile App

### eBike (Charging Spots Guide)

- Swift5