




# Muhammad Arsalan


Software Engineer

## CONTACT

 Muharraq Kingdom of Bahrain

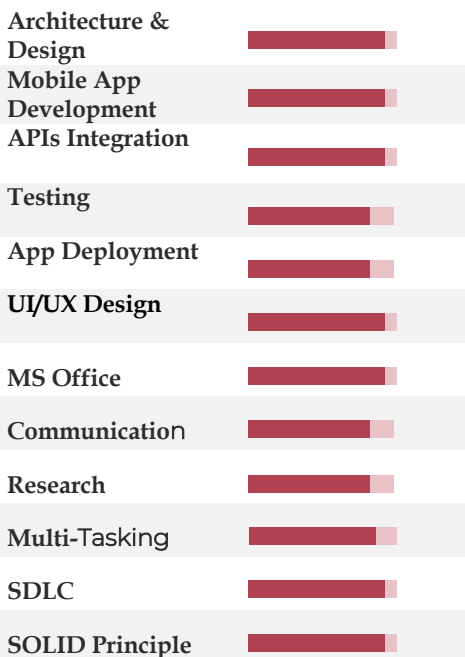
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## EXPERTISE



## CAREER OBJECTIVE

I'm a Software engineer with a passion for an experienced software developer with a demonstrated history of working in the computer software industry and comprehensive understanding of software engineering design principles and firm mathematical foundation and ability to real world applications and great curiosity and drive for learning. Skilled in React Native, React Js, JavaScript, ES6, Node Js, GraphQL, MongoDB, Apollo, Express.js, and Cascading Style Sheets (CSS)

## PROFESSIONAL SKILLS

### 1. Programming Languages

- React Native, React.js, JavaScript, TypeScript, ES6, Node.js, GraphQL, MongoDB, Apollo, Express.js, Github, GitLab, Redux, Redux Toolkit, Team Management, Multilingual Support, Multi Theme Support, Api's Integration, Restful Api's, Custom Hooks, Formic, Unit Testing.

### 2. Mobile App Development Frameworks

- **Android Studio:** The primary Integrated Development Environment (IDE) for Android.
- **Xcode:** IDE for iOS development.
- **React Native:** Another widely-used cross-platform mobile framework.

### 3. Mobile App Architecture & Design Patterns

- MVVM (Model-View-ViewModel)
- MVC (Model-View-Controller)
- MVP (Model-View-Presenter)
- **Clean Architecture**

### 4. APIs & Backend Integration

- **RESTful APIs:** Understanding how to integrate mobile applications with backend services.
- **GraphQL:** Another approach to API integration.
- **Firebase** for backend services (authentication, real-time databases, etc.).

## EDUCATION



### Software Engineering

Comsats University Islamabad,  
Pakistan (Feb.2016 - Dec. 2019).



### Diploma in Office Management (MS

Office, Excel, PowerPoint, Word)

Asian Computer College



### Mobile Application Development

Harvard University



### Web Development

Skill Development Council



### Auto CAD

GCT Sahiwal, Pakistan



### Freelancing Training Certificate

DigiSkills

## 5. Version Control

- **Git:** Experience with Git-based workflows (GitHub, GitLab, Bitbucket).

## 6. Database & Data Storage

- **SQLite, SQL and MongoDB.**
- Knowledge of **Realm** and **Firestore** for both platforms.

## 7. UI/UX Design

- Understanding **Material Design** principles (Android).
- Familiarity with **Apple's Human Interface Guidelines** (iOS).
- Experience with designing and implementing responsive, user-friendly interfaces.

## 8. Testing

- **Unit Testing** (Jest).
- **UI Testing.**

## 9. Deployment

- Experience with **Google Play Store** and **Apple App Store** for publishing and managing applications.
- **CI/CD pipelines** for mobile apps (GitLab & GitHub).

## 10. Performance Optimization

- Identifying and optimizing slow code (memory, battery consumption).
- **Profiling tools** such as **Android Profiler** or **Instruments** for iOS.

## 11. Security

- Knowledge of mobile app security best practices (data encryption, secure authentication, etc.).

## 12. Cross-platform Development

- Experience with **React Native** for creating apps that work on both Android and iOS.

## 13. Agile Methodologies

- Familiarity with agile development processes like **Scrum**.
- Experience using project management tools such as **Jira**.

## 14. Soft Skills

- **Communication:** Collaborating with designers, other engineers, and product managers.
- **Problem-solving:** Debugging and optimizing applications.
- **Time Management:** Managing multiple tasks or projects efficiently.

## JOB Experience

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### 1: Software Engineer

Millenium Developers (Mar.2024 - Aug. 2024)

#### JOB Description

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- Responsive, flexible and memorized UI.
- Component Management
- Unit Testing
- Code Quality and Security
- High Order Components

### 2: Software Engineer

VIWELL Technology (Jan.2022 - Feb. 2024)

#### Projects:

- 1: VIWELL (wellbeing Project).
- 2: Corporate Sports (Sports Management System).

#### JOB Description

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- Responsive, flexible and memorized UI.
- Animations implementation.
- Api's Integration with GraphQL.
- Chat integration with Zoho.
- Crash and error handling with instabug.
- Rich Text handling in app
- Audio and video handling
- Unit Testing
- Performance Optimization

### 3: Software Engineer

Micron Technologies (March.2020 - Dec. 2021)

#### Projects:

- 1: Pakistan Politicians.
- 2: Pakistan Politicians Admin Panel.
- 3: LinkingInn.
- 4: LinkingInn Admin Panel.

#### JOB Description

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- Responsive, flexible and memorized UI.
- Animations implementation.
- Api's Integration with GraphQL.
- Chat integration with Zoho.
- Crash and error handling with instabug.
- Rich Text handling in app
- Audio and video handling
- Unit Testing
- Performance Optimization

#### 4: Software Engineer

Comsats University Islamabad (Mar.2019 - Mar. 2020)

##### Projects:

- 1: Anti-Counterfeiting System for Preventing Counterfeited Medicines.
- 2: Rental Park Web Application.

#### JOB Description

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- Responsive, flexible and memorized UI.
- Manufacturer side Desktop Application
- QR Code scanner mobile application
- Firebase as Authentication.
- Secure QR code generator
- Unit Testing
- Performance Optimization