

M. AFAQ RIAZ

Senior Mobile Application Developer



Islamabad, Pakistan



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SUMMARY

Senior Mobile Application Developer with 6+ years of experience designing, developing, and deploying cross-platform mobile applications across **HealthTech**, **FinTech**, and **Logistics** domains. Expertise in React Native, Flutter, and backend integrations including NestJS, Firebase, PostgreSQL, and cloud-based CI/CD automation. Proven track record of delivering HIPAA-compliant healthcare platforms, scalable fintech solutions, and high-performance mobile ecosystems. Strong background in Agile development, team leadership, app store compliance, and deployment optimization, achieving up to 40% reduction in release cycles.

WORK HISTORY

Senior Mobile Application Developer

Technology Rivers – Islamabad, Pakistan

(Aug 2022 – Present)

- Led end-to-end development of 10+ mobile applications across health-tech, fintech, and logistics domains.
- Delivered HIPAA-compliant healthcare platforms integrating HealthKit, Firebase, and secure APIs.
- Designed and implemented CI/CD pipelines using CodeMagic and Bitbucket, reducing deployment cycles by 40%.
- Managed App Store and Google Play releases, ensuring 100% compliance with platform policies and zero rollback incidents.
- Collaborated closely with backend teams using NestJS and PostgreSQL to build scalable, high-performance APIs.
- Mentored junior developers and enforced best practices in architecture, testing, and state management.

Senior Mobile Developer

Techwerk.io – Germany (Remote, Part-Time)

(Aug 2023 - Present)

- Spearhead the development and launch of core mobile application systems, defining scalable mobile architecture and technical stack.
- Implement performance monitoring and error reporting solutions, improving application stability by 40%.
- Optimize push notification systems and in-app analytics to increase user engagement and retention.
- Engineer location-based services to enable real-time mapping and asset tracking functionality.

Mobile Application Team Lead

Genesis IT Lab – Islamabad, Pakistan

(Oct 2021 – Aug 2022)

- Led a team of 5+ mobile developers, managing full project lifecycles using React Native and Agile methodologies.
- Introduced CI/CD automation and performance optimizations, reducing post-release issues by 30%.
- Defined application architecture and enforced clean code and scalability standards.
- Coordinated with clients, conducted sprint planning, and led technical reviews to ensure timely delivery.

PROFESSIONAL MEDIA

- **LinkedIn:**
[linkedin.com/in/muhammadafaqriaz](https://www.linkedin.com/in/muhammadafaqriaz)

SKILLS & COMPETENCIES

Mobile Development

- Cross-Platform Mobile Apps (iOS & Android)
- React Native, Flutter

Programming

- JavaScript, TypeScript, Dart

Backend & APIs

- Backend Integration (NestJS, Node.js)
- RESTful API Integration

Databases & Cloud

- PostgreSQL, MySQL, MongoDB
- Firebase (Auth, Firestore, Cloud Functions)

CI/CD & Deployment

- Mobile CI/CD Automation (CodeMagic, Bitbucket)
- App Store & Google Play Deployment

Security & Compliance

- HIPAA-Compliant Mobile Applications
- Secure Mobile App Architecture

Architecture & State Management

- Scalable Mobile Architecture
- Redux Toolkit, Provider, Bloc

Analytics & Optimization

- Push Notifications & In-App Analytics
- Performance Optimization & Monitoring

Soft Skills

- Problem-Solving & Critical Thinking
- Communication & Stakeholder Management
- Project Planning & Time Management
- Attention to Detail & Quality Assurance

Mobile Application Developer

Genesis IT Lab – Islamabad, Pakistan

(Mar 2021 – Oct 2022)

- Developed scalable React Native applications for both iOS and Android platforms.
- Integrated REST APIs, Firebase services, and Redux Toolkit to enhance performance and maintainability.
- Implemented unit testing and CI/CD pipelines, significantly reducing regression defects.

React Native Developer

Aimbros Creation (PVT) LTD – Islamabad, Pakistan (Aug 2018 – Feb 2021)

- Built and launched fintech and service-based mobile applications serving 10,000+ users.
- Integrated secure payment gateways including PayPal, Stripe, and Skrill.
- Collaborated with UI/UX designers to deliver pixel-perfect user interfaces.
- Improved QA processes through automated testing and performance optimization.

MAJOR PROJECTS

1. **Oak SandPortal** – HIPAA-compliant telehealth therapy platform enabling secure virtual sessions
Technologies: Flutter, NestJS, Firebase, Stripe, PostgreSQL
2. **Qsource** – Compliance management platform for long-term care facilities
Technologies: React Native, NestJS, Sentry.io, PostgreSQL
3. **Nucora** – Health and wellness intelligence platform aggregating data from multiple health sources to deliver personalized insights
Technologies: React Native, TypeScript, Redux Toolkit
4. **KoroCRM** – Next-generation CRM platform for the hospitality industry focused on guest engagement and operational efficiency
Technologies: React Native, Backend APIs
5. **Scan My Golf Ball** – AI-powered golf ball detection application
Technologies: React Native, TensorFlow Lite, Firebase
6. **DELI App** – Delivery and crypto wallet system with native coin integration
Technologies: React Native, NestJS, MySQL, Redis
7. **PCL Pass** – COVID-19 pass application with QR code validation
Technologies: React Native, Node.js, MongoDB, ML Kit
8. **Boa Wallet** – Blockchain wallet for managing BOA coin transactions
Technologies: React Native, Node.js, MySQL

KEY ACHIEVEMENTS

- ✓ Reduced mobile deployment cycles by **40%** through CI/CD automation.
- ✓ Improved application stability by **40%** using advanced monitoring and crash analytics.
- ✓ Reduced post-release defects by **30%** through code optimization and testing strategies.
- ✓ Successfully delivered **HIPAA-compliant healthcare applications** with secure data handling.
- ✓ Led and mentored development teams across multiple large-scale mobile projects.

AREA OF EXPERTISE

- Cross-Platform Mobile Architecture
- Healthcare Application Security & Compliance
- FinTech & Digital Wallet Development
- CI/CD Pipeline Design for Mobile Apps
- Scalable API & Backend Integrations
- Performance Monitoring & Crash Analytics
- Agile Project Execution & Sprint Planning
- App Stability, Optimization & Store Compliance

EDUCATION

- **Bachelors of Computer Sciences (2019)**
University of Engineering and Technology (UET), Taxila

CERTIFICATIONS

- Agile & Scrum Methodologies (Hands-on Project Experience)
- Mobile Application Security & Compliance (HIPAA-focused Projects)
- CI/CD Automation for Mobile Applications

INDUSTRY EXPOSURE

- HealthTech & Telemedicine
- FinTech & Blockchain Wallets
- Logistics & Real-Time Tracking
- Compliance & Enterprise Platforms
- AI/ML-Powered Mobile Applications
- Cryptocurrency & Digital Payments

PROFESSIONAL MEDIA

- [linkedin.com/in/muhammadafaqriaz](https://www.linkedin.com/in/muhammadafaqriaz)

OTHER INFO

- **Languages:** English, Urdu
- **References:** Available upon request