HUMAYOON SIDDIQUE

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OBJECTIVE

Dynamic and results-oriented Mobile Application Developer with over 10 years of experience creating high-quality, user-focused mobile applications, including 8 years in Android native development and 2.5 years in Flutter. Recognized for a strong commitment to building scalable and efficient solutions that enhance user experiences. Proven track record in leading development teams, managing projects, and ensuring smooth, continuous deployment processes. Known for combining innovative thinking with hands-on expertise in mobile development to deliver impactful solutions that align with business goals. Driven by a passion for leveraging the latest technological advancements to develop applications that make a difference.

EDUCATION

MSCS (Data Science) | SZABIST Islamabad

MARCH 2021 – JUNE 2023

Deep Knowledge of Degree with Major subjects Deep Learning, Machine Learning, Data Mining and Computer Vision, Natural Language Processing with **CGPA 3.78 (Silver Medalist)**

Research Work:

Domain: Computer Vision

Area: Object Detection in Deepfake Video Rendering

BSIT | UET Taxila

2010 – 2014

Studied Major subjects Programming, Data Structure, Database, Networking and Software Engineering, and Operating System with a **CGPA 3.1**

EXPERIENCE

Senior Principal Software Engineer (Mobile Developer Lead) | TEO International

2022 – PRESENT

- **Adherence to Best Practices**: Consistently applied SOLID principles, stable architecture, Kotlin code guidelines, and design patterns, resulting in a **15% reduction in code-related issues** across projects.
- **Project Leadership**: Led the MIGO project, performing app performance monitoring and analysis, identifying and resolving over **50 user experience issues**, which contributed to a **20% increase in user satisfaction ratings**.
- **Stakeholder Collaboration**: Collaborated with stakeholders to streamline operations and processes for MIGO, leading to a **30% enhancement in workflow efficiency** and a **25% reduction in time to market** for new features.
- **Flutter Application Enhancement**: Improved the Tiny Mobile Robots Flutter application, increasing user engagement metrics by **25%** through feature enhancements and cross-platform development.
- **Diverse Product Development**: Successfully contributed to **6 different products** across multiple technologies, overseeing development phases from requirement specification to maintenance, ensuring timely delivery within **project deadlines**.
- **Scalable Architecture Design**: Developed and proposed a scalable and adaptable architecture for GOTOKO, accommodating **up to 50% more incoming requirements** and reducing future upgrade time by **40%**.

- **Improved Test Coverage**: Increased unit test coverage to over **90%** for the MIGO app, significantly enhancing reliability and reducing post-release defects by **30%**.
- **Performance Metrics Improvement**: Achieved a **35% boost in app performance** for the FullyRaw by Kristina app through comprehensive debugging and optimization techniques, which led to improved user ratings.
- **Effective Team Leadership**: Led a cross-functional team of **5 developers** to create a secure and efficient Favorite Run application, delivering the project **two weeks ahead of schedule**, which increased team productivity by **15%**.
- **Operational Cost Reduction**: Implemented a new architecture for the MIGO app, resulting in a **20% reduction in operational costs** while maintaining high performance and user satisfaction levels.

Senior Android Developer | Now Software Pvt Ltd

2021 − 2022

- **App Expansion and Maintenance**: Expanded and maintained the TalkHome app, improving user engagement by **20%** and increasing the number of active users by **15%** through enhanced digital calling features.
- **Feature Execution**: Successfully implemented key features for the Transfer Home app, resulting in a **30% increase in transaction processing speed** and improving user retention by **25%**.
- **Cross-Functional Collaboration**: Collaborated with cross-functional teams to gather requirements and design app features, achieving **100% adherence to project timelines** and delivering **3 major updates** within the project cycle.
- **Performance Optimization**: Optimized application performance through regular code reviews and implementation of best practices, leading to a **25% reduction in crash rates** and improved app stability, with an **80% reduction in reported issues**.
- **Quality Assurance**: Conducted thorough testing and debugging processes, resulting in a **40% decrease in post-release defects** and addressing over **80% of user feedback** to enhance the overall app quality.
- **Modern Development Practices**: Utilized modern Android development tools and libraries, such as Jetpack components and Retrofit for API integration, enhancing application functionality and maintainability, which contributed to a **15% increase in development efficiency** and reduced the average development cycle by **10%**.

Software Engineer (Android -Lead) | Virtual University of Pakistan

2018 − 2022

- **ULMS App Development**: Led the VULMS app development, achieving a **30% increase in student engagement** and a **25% rise in satisfaction ratings**.
- **DigiSkills App Creation**: Spearheaded the DigiSkills app, resulting in a **40% growth in course enrollments** and a **15% improvement in completion rates**.
- **Exam Apps Development**: Developed secure examination apps, achieving a **98% success rate** in online assessments with minimal disruptions.
- **Collaborative Requirements Gathering**: Collaborated with faculty to implement **5 major feature updates**, enhancing user experience and educational outcomes.
- **Performance Optimization**: Optimized app performance, leading to a **20% increase in user retention** and positive feedback from **85% of users**.

Senior Android Developer | CitrusBits Inc.

2016 – 2018

- **Burger King App**: Enhanced user experience, leading to increased customer engagement and a **30% rise in app downloads** within 3 months.
- **Chemicals App**: Developed an app providing detailed product information, improving safety and compliance for users.
- **Favorite Run App**: Key contributor in building a fitness app that features progress tracking and social sharing, reducing load time by **40%**.
- **FullyRaw by Kristina App**: Worked on a plant-based diet app, enabling users to share recipes and connect with a health-focused community.
- **Cross-Functional Collaboration**: Collaborated with designers and product managers to deliver high-quality features on time.
- **Training & Development**: Mentored junior developers, achieving a **50% reduction in onboarding time** and boosting team productivity.

Senior Android Developer | Whizpool Technology.

2017 – 2014

- **Team Collaboration**: Developed client-based applications within a team hierarchy, leading to a **20% improvement in project workflow efficiency**.
- **School App Development**: Key contributor to a student management app, resulting in a **30% increase in user engagement** through enhanced attendance tracking and teacher-parent communication features.
- **Kids Picking App**: Helped create an app for parents to choose educational activities, achieving a **25% adoption rate** among target users within the first month of launch.
- **Bon App Enhancement**: Upgraded a restaurant discovery app, integrating Google Maps, which led to a **35% increase in user retention** due to improved location services.
- **UI/Performance Optimization**: Improved user interfaces and performance, resulting in a **15% decrease in app crash rates** and enhanced overall user satisfaction.
- **Code Quality Maintenance**: Participated in code reviews and best practices discussions, contributing to a **50% reduction in bug reports** during the development phase.
- **Customer Satisfaction Boost**: Contributed to a **40% increase** in positive feedback for the Bon App by implementing user-requested features, leading to a **25% growth in daily active users**.
- **Project Efficiency**: Delivered the Kids Picking app **15% ahead of schedule**, reducing overall development time by **two weeks** compared to initial estimates.

⚒ SKILLS

Hard Skills

Android Native Expertise

- **Languages:** Java, Kotlin
- **Architectures:** MVVM, MVP, CLEAN Architecture
- **Databases:** Room, SQLite
- **State Management:** LiveData, Flows
- **UI Development:** Jetpack Compose
- **API Integration:** Retrofit, Firebase

Flutter Expertise

- **Languages:** Dart
- **Widgets:** Custom and reusable widget creation
- **UI Design:** Crafting visually appealing user interfaces, Material Design
- **State Management:** Provider, Riverpod
- **Navigation:** Implementing navigation patterns
- **Asynchronous Programming:** Futures, Streams

- **Third-Party Libraries:** Customization (AppsFlyer, Airship Library)
- **Testing:** Unit/UI Testing (Espresso, MockK, Mockito)
- **Mobile Security:** MobileIron expertise
- **MedTech Experience:** Development of hospital-based applications
- **Design Patterns:** Knowledge of common design patterns
- **Dependency Injection:** Dagger, Dagger Hilt
- **Asynchronous Programming:** Coroutines, RxJava, Koin
- **CI/CD:** Bitrise, Jenkins
- Version **Control:** GitHub, Bitbucket

- **RESTful APIs:** Integrating RESTful services
- **Networking:** Handling API requests and responses
- **Flutter Packages:** Utilizing and integrating packages from Pub.dev
- **Testing:** Unit and widget testing
- **Debugging:** Troubleshooting issues in Flutter apps
- **Performance Optimization:** Enhancing app performance, Responsiveness
- **Deployment:** Preparing apps for release on app stores
- **Responsive Design:** Building adaptable interfaces for different screen sizes
- **Firebase Integration:** Implementing Firebase services

Web Development
- **Languages**: C#
- **Frameworks**: ASP.NET, Angular, React, Vue
- **Databases**: MS SQL Server
- **Web Development**
- **Languages**: C#
- **Frameworks**: ASP.NET, Angular, React, Vue

Data Science & AI Skills
- Data Analysis
- Machine Learning
- Deep Learning
- Natural Language Processing (NLP)
- Data Visualization
- Big Data Technologies

Soft Skills
- **Communication**
- **Teamwork**
- **Problem-solving**
- **Adaptability**
- **Time Management**
- **Critical Thinking**
- **Creativity**

- **Attention to Detail**
- **Empathy**
- **Collaboration**
- **Continuous Learning**
- **Conflict Resolution**
- **interpersonal Skills**
- **Feedback Reception**

CERTIFICATION & VOLUNTEER WORK

DICE -2012

2nd Position

Got Second Position in Speed programming at UET Taxila

Introduction to SaMD, IEC 62304, and IEC 82304-1

Get a certificate and have deep knowledge with mobile iron expertise on both the Android app side and admin side. Certificate URL (Click Here)

INTRA UNIVERSITY COMPETITION

1st Position

Got 1st Position in Speed programming at UET Taxila