Yevhenii Bereznitskyi   Senior Mobile Engineer

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PROFILE

Accomplished Senior Mobile Engineer with 6 years of comprehensive experience in software engineering, specializing in mobile application development. Expert in **React Native**, and **Flutter**, with a proven track record of creating high-quality mobile solutions for various industries including healthcare, finance, and tourism. Proficient in **Java**, **Kotlin**, **Objective-C**, and **Swift**, with strong leadership skills and a commitment to continuous improvement. Adept at full-cycle development, deployment to app stores using **TestFlight**, and internationalization. Extensive experience in backend integration using **Java**, and **Python** technologies.

Demonstrated leadership in **DevOps**, ensuring seamless **CI/CD** processes, and collaborative development practices. Renowned for innovative solutions, enhancing app performance, and optimizing user experiences.

SKILLS

- **Languages**: JavaScript, Dart, TypeScript, Objective-C, Java, Kotlin, Python
- **Frameworks**: React Native, Flutter, Ionic, Swift
- **Libraries:** Jest, JUnit, Mockito, XCTest, TestFlight, Fastlane, Espresso
- **Paradigms**: Microservice Architecture, Agile Methods, System Design Pattern, MVC/MVVM Architecture
- **Other**: AWS S3/SNS/SQS, Google Play Store, Apple App Store

PROFESSIONAL EXPERIENCE

Senior Mobile Engineer, Beyond Key, Chicago, Feb 2021 - March 2024

- Developed a cross-platform mobile application for doctor appointments and medical decision support using **React Native**, leveraging native accessibility features of **iOS** (**VoiceOver**) and **Android** (**TalkBack**) to ensure an inclusive user experience.
- Enabled global reach and dynamic content adaptation by implementing internationalization (**i18n**) features across multiple mobile applications.
- Integrated **Bluetooth** and **Wi-Fi** capabilities into mobile applications using **Kotlin** for **Android** and **Swift** for **iOS**, enhancing connectivity and device interaction.
- Collaborated with cross-functional teams to deliver high-quality native mobile applications, ensuring smooth performance across various **Android** and **iOS** devices. Implemented advanced networking features in native iOS applications using **Swift**, including **RESTful API** integration and **offline data caching**.
- Managed app store deployments and utilized **TestFlight** for **beta testing**, gathering feedback from over 1,000 testers, which reduced post-launch issues by 40% and improved user satisfaction.
- Decreased customer acquisition costs by 30% by integrating **Firebase Analytics**, providing valuable insights for the marketing team.
- Reduced manual deployment time by over 50% and increased release predictability by automating build and deployment processes with **Fastlane** and custom **Python** scripts.

- Improved test automation and reliability in **React Native** and **Flutter** environments by employing advanced testing frameworks and libraries such as **Jest**, **Mocha**, and **XCTest**.
- Improved system scalability and deployment flexibility, reducing update-related downtime by 80%, by transitioning from **monolithic** architecture to a **microservices**-based approach.
- Enhanced application scalability and code maintainability by 30% through the integration of modern architectural patterns such as **MVVM**, **MVP**, and **Clean Architecture**.
- Streamlined project delivery by 30% through the adoption of **Agile** and traditional **SDLC** methodologies, optimizing development processes and incorporating continuous feedback loops.
- Boosted team productivity and enhanced project tracking by effectively utilizing **Microsoft Teams** and **Jira**, which facilitated seamless communication and efficient coordination of project milestones across distributed teams.

Mobile Application Developer, 8KMILES, Nov 2019 - Feb 2021

- Led the design and development of a cross-platform health monitoring application using **React Native** for seamless functionality on both **iOS** and **Android**, enhanced with **Kotlin** for **Android**-specific features. Adopted **Screen**, **Container**, **Component** patterns to ensure the code architecture was both scalable and maintainable.
- Oversaw the beta-testing phase using **TestFlight** and **Google Play Beta**, incorporating user feedback to fine-tune the application, leading to a 25% boost in user satisfaction before the official release.
- Implemented **Singleton** and **Factory** design patterns to manage global app states and modularize component creation efficiently, which accelerated the development process.
- Played a key role in designing and developing a voice-based social networking platform using **Java** for **Android** and **Objective-C** for **iOS**, resulting in a 25% increase in user engagement by enabling community discussions via voice commands, shifting away from traditional text-based inputs. Implemented voice recognition algorithms and optimized user interface for seamless voice interaction.
- Developed and maintained common core feature libraries related to audio playback using **Gradle**, **CocoaPods**, and **Carthage**, which standardized audio components across the team and decreased integration time for new developers by 20%.
- Integrated advanced analytics using **Google Analytics** to monitor user engagement and app performance, deriving actionable insights that facilitated further post-launch optimizations.
- Developed an e-learning mobile application with **Flutter**, establishing a unified codebase for **iOS** and **Android**, while employing **Swift** to integrate native **iOS** features and enhance the user experience.
- Conducted comprehensive **A/B testing** to identify the most effective UI/UX designs, which increased conversion rates by 15% in the first three months following launch.
- Orchestrated the integration of **AWS SNS** for efficient push notification management, achieving over 99% delivery rates and significantly enhancing user engagement.

Mobile Developer, Trianz, Oct 2018 - Aug 2019

- Directed the development of an instant messaging app, utilizing **Kotlin** for **Android** and **Swift** for **iOS** to maximize performance and leverage platform-specific features.
- Implemented end-to-end encryption using the **Signal Protocol** in the instant messaging app, significantly enhancing data security and user privacy, and ensuring compliance with stringent **GDPR** and **CCPA** standards.
- Enhanced app functionality and ensured real-time UI synchronization by employing **Decorator** and **Observer** design patterns, allowing for seamless updates without altering existing code.

- Implemented comprehensive testing protocols, including unit, integration, and UI automation tests with **Espresso** for Android and **XCTest** for iOS, significantly boosting the app's reliability and user experience.
- Converted legacy **Objective-C** code to **Swift**, improving code readability and maintainability while ensuring backward compatibility.
- Leveraged **Firebase** for analytics and crash reporting, which helped monitor app performance and user behavior, reducing crash rates by 40% and enhancing app stability.
- Introduced the use of containerization with **Docker** and **Kubernetes** in the app development lifecycle, which facilitated a more efficient, scalable, and consistent deployment process across all environments, cutting down integration issues by 30% and speeding up release cycles.
- Enhanced cross-functional team collaboration using **Agile** methodologies, employing **Jira** for project management and **Slack** for daily communications, which improved team productivity and project transparency.

EDUCATION

Bachelor of Science in Computer Science

University of San Diego, Apr 2014 – May 2018

My experience at the University of San Diego has been exceptional. The engaging curriculum and knowledgeable faculty have equipped me with the essential knowledge and skills to excel in my future professional endeavors. This academic experience has provided me with a strong foundation to thrive in my chosen field.

PROJECTS

Doctor Decision Support App

React Native, Fastlane, Firebase, Cerner API, Firebase Analytics, GraphQL

Created a mobile application aimed at assisting doctors in making informed clinical decisions, using React Native for hybrid platform and contributed to a 20% improvement in diagnostic accuracy and a 30% reduction in time spent per consultation, as reported by the client.

Instant Messaging App

Kotlin, Swift, AWS SNS, AWS S3, Firebase Analytics

Developed a feature-rich instant messaging application tailored for community groups, using Kotlin for Android, Objective-C for iOS and successfully deployed the app on both Android and iOS platforms, achieving a user base of over 10,000 within the first six months after launch.