NGUYEN VAN TUNG
SENIOR SOFTWARE ENGINEER

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Versatile Mobile Developer with almost 5 years of experience specializing in React Native and multi-platform development. Leveraging a robust foundation in software engineering, I've contributed to the fruition of impactful digital solutions in prior roles. I am eager to bring my technical proficiency and innovative problem-solving skills to a dynamic team at a forward-thinking organization.

SKILLS

- **React Native:** Advanced knowledge of React Native architecture, component lifecycle, and state management.
- **JavaScript/TypeScript:** Proficient in ES6+ syntax, asynchronous programming, and TypeScript.
- **Mobile Development:** Expertise in building and deploying apps on both iOS and Android platforms. Extensive experience with Microsoft CodePush for delivering over-the-air (OTA) updates.
- **State Management:** Extensive experience with Redux, including advanced use of middleware like Redux-Saga. Proficient in MobX, and Context API.
- **APIs:** Strong understanding of RESTful and GraphQL APIs, integrating third-party services, and building custom backend APIs.
- **Testing:** Proficient in unit testing, integration testing, and end-to-end testing using Jest, and Detox.
- **CI/CD:** Familiarity with continuous integration and deployment pipelines using tools like GitLab CI.
- **Version Control:** Expertise with Git, GitHub, GitLab, and branching strategies.
- **Agile Methodologies:** Experienced in Scrum and Kanban frameworks.

PROFESSIONAL EXPERIENCE

BUYMED LIMITED COMPANY - Software Engineer   **April 2023 - Present**

- Contributed to a mobile application with 50k active users per month.
- Collaborated with product managers, designers, and backend developers to deliver seamless and efficient app experiences.
- Implemented complex state management solutions using Redux, improving app performance and reducing bugs by 20%.
- Optimized app performance by 30% by identifying and addressing re-rendering in the codebase and using advanced debugging techniques.
- Spearheaded the migration of legacy codebases from React Native 0.67 to 0.74, ensuring smooth transitions with minimal downtime.
- Managed OTA updates using CodePush, ensuring that users received critical updates instantly without having to go through the app store review process.
- Utilized Firebase Analytics for monitoring app performance, and analyzing crash reports, significantly improving app reliability and user satisfaction.
- Designed and implemented a CI/CD pipeline using GitLab CI, automating build, testing, and deployment processes, which reduced release times by 10-15%.
- Built a well-structured folder architecture for a new React Native application, organizing components, screens, assets, and services to improve maintainability, scalability, and developer collaboration.
- Developed real-time chat functionality using WebSocket.
- Built custom native modules for resumable uploads (image/file).
- Developed reusable components and libraries, improving the efficiency of future projects.
- Designed and implemented a push notification feature using Firebase Cloud Messaging (FCM)

HUNG THINH CORPORATION - SOFTWARE ENGINEER   April 2022 – March 2023

- Developed and maintained cross-platform mobile applications, delivering high-quality products that met client requirements.
- Collaborated with other developers to troubleshoot and resolve issues, gaining hands-on experience with debugging and performance optimization.
- Reviewed code, ensuring adherence to best practices and coding standards, contributing to a maintainable and scalable codebase.
- Assisted in the implementation of CI/CD pipelines, which reduced deployment times by 10%, improving overall development efficiency.
- Built smooth animation components, enhancing the user interface and providing a better user experience.
- Used Detox and Jest to write automated tests, ensuring the reliability and stability of the applications.
- Integrated an OCR feature to verify user licenses, improving the app's functionality and user experience.

MANGOADS - SOFTWARE ENGINEER   March 2021 – March 2022

- Developed an E-wallet application, ensuring secure transactions and user-friendly interfaces.
- Maintained and further developed an E-commerce application, enhancing functionality and improving user experience.
- Integrated Subiz chat, enabling real-time customer support within the application.
- Integrated third-party APIs and services, including social media authentication and analytics tools, to expand app capabilities and improve user engagement.
- Designed and implemented a push notification feature using Firebase Cloud Messaging (FCM), increasing user retention and engagement through timely notifications.
- Led a small team of 2 developers, coordinating tasks, conducting code reviews, and mentoring junior team members, which contributed to the successful delivery of projects on time.

VV SOLUTIONS - SOFTWARE ENGINEER   April 2019 – February 2021

- Developed a Music Player application, implementing features like playlist management, offline playback, and seamless audio streaming.
- Maintained and further developed a sports-oriented social network application, enhancing user interaction features and optimizing performance.
- Fixed bugs and developed new features for existing projects, ensuring continued user satisfaction and improved app stability.
- Collaborated closely with cross-functional teams, including designers and backend developers, to deliver cohesive and user-friendly mobile applications.

HIIP - INTERN - PART-TIME   December 2017 – May 2018

- Developed and designed an influencer marketing platform, contributing to both front-end and back-end development.
- Tested new features and reported bugs, ensuring the platform's stability and functionality.
- Worked with Laravel, Angular 4, and MySQL

EDUCATION

Bachelor of Computer Network and Communications.

- University of Information Technology, Vietnam National University Ho Chi Minh City.
- GPA: 7.29/10

PROJECTS

- **Thuocsi.vn - Buymed:** An E-commerce application for pharmaceuticals that connects manufacturers and suppliers in Vietnam and internationally. The app aims to create a quality supply source for pharmacies and clinics across Vietnam.

- **Topenland - Hung Thinh Corp:** A platform that allows users and businesses to search for and post property listings, including apartments, houses, villas, and more.
- **Hoa Sen Home - MangoAds:** An E-commerce application specializing in selling construction materials for Android/iOS, catering to the needs of the construction industry.
- **EPAY Wallet - MangoAds:** An E-wallet application for Android/iOS that provides intermediate payment solutions in Vietnam, enabling secure and convenient transactions.
- **Storii - VV Solutions:** A music player application for Android/iOS that allows users to listen to online music with a vast collection of music genres.
- **Roster - VV Solutions:** A social network application designed for athletes and coaches to connect, facilitating networking and communication within the sports community.