**Trong Le**

**Senior Consultant | Senior Software Engineer**

**SUMMARY** Innovative and results-driven Senior software engineer with a proven track record in building scalable micro-frontend architectures, robust APIs, and developer tools. Adept at designing SDKs and integrations that enhance the developer experience, ensuring seamless application functionality. Experienced in modern web technologies, testing frameworks, and agile methodologies, with a strong commitment to accessibility and performance optimization.

**PROFESSIONAL EXPERIENCE**

**Senior Consultant | Atomic Robot**
*12/2018-Present*

* Led development of complex Android apps with Jetpack Compose and Kotlin coroutines.
* Designed and implemented scalable service-oriented architectures for mobile apps and APIs.
* Refactored legacy codebases into modular architectures for improved maintainability.
* Improved SDK capabilities and integration workflows, streamlining development processes for internal and external teams.
* Automated CI/CD pipelines, reducing deployment times and improving system reliability.

**Software Developer | Zoozler**
*02/2017-12/2018*

* Built and maintained single-page applications (SPA) using React and Angular, focusing on scalability and modular design.
* Developed and optimized robust back-end APIs to support dynamic front-end applications, ensuring high availability.
* Partnered with designers and QA teams to deliver accessible and user-friendly UIs, meeting WCAG standards.
* Implemented CI/CD pipelines to enhance the efficiency of the development lifecycle.

**QA Tester | Center for Applied Informatics**
*08/2016-05/2017*

* Conducted manual and automated testing to ensure application quality and reliability.
* Utilized Selenium and Appium to execute comprehensive end-to-end testing for web and mobile platforms.

**FEATURED PROJECTS**

* **Sporty**’**s Pilot Training (Android)**: Modernized UI and integrated new library features to optimize performance.
* **Hyvve (Android, iOS, Back-End)**: Overhauled UI/UX, adopted modern libraries, and improved back-end infrastructure for scalability.
* **SentriConnect (Flutter)**: Delivered a cross-platform app by replacing platform-specific applications, reducing maintenance costs.
* **SentriLock Access (Angular/Back-End)**: Replaced legacy front-end with Angular and modernized back-end.
* **Artswave (WordPress, PHP)**: Built a robust back-end system using WordPress REST API; spearheaded API development for user management and donation tracking.
* **Time Timer (Electron & Back-End)**: Migrated and optimized back-end services, reducing infrastructure costs.
* **Fifth Third Bank (Android)**: Built modern UI and product features for the banking app.
* **Box Tops for Education (Android)**: Delivered new UI components and product enhancements.

**TECHNICAL SKILLS**

* **Languages & Frameworks**: JavaScript, TypeScript, Kotlin, Swift, Node.js, React, Angular, Vue.js, PHP
* **Mobile Development: Android (Kotlin/Java), iOS (Swift), Flutter (Cross-Platform)**
* **Back-End Development**: REST APIs, Node.js, SQL Optimization, API Development, Serverless Architectures
* **Developer Tooling**: SDK Development, Component Libraries, Design Systems, Developer Experience (DX)
* **Testing Frameworks**: TDD, End-to-End Testing, Selenium, Appium
* **Build & Deployment**: CI/CD Pipelines, GitHub Actions, Jenkins, GitLab CI/CD
* **Cloud & Storage**: AWS (S3, CloudFront, Lambda), Azure (Data Lake, Functions), GCP (Cloud Functions)
* **Development Methodologies**: Agile/Scrum, Pair Programming, Code Reviews

**EDUCATION**

**Bachelor of Science in Computer Science**
Northern Kentucky University, 2017