

Tim Karagosian

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Summary

Tim has 8+ years of software engineering experience, working with engineering teams to deliver high-quality, robust solutions. Tim began his career working in Android Java to create mobile apps and PHP to drive data via APIs to create freelance applications for clients. This then led him to learn Kotlin, C#, Web (HTML/CSS/JS), React Native, Node JS, Scala, SwiftUI, and GCP Dialog Flow to bring incredible value to front and back-end system projects. He is proven to be extremely flexible, adaptable, and shows his leadership by handling critical tasks with ease, collaborating with others for efficiency and optimal work, and raising others to a higher level of positivity and productivity.

Recent Experience

SLALOM, LLC

Detroit, MI

Enterprise Architect Consultant

Oct 2019 – Present

- Designs workflow visualizations and advises on client project to improve the networking team's process of receiving and prioritizing work to better align with business needs and avoid interruptions.
- Advises and develops features as Android SME on video livestream and local file upload on client project for sharing and knowledge capture.
- Develops features in SwiftUI for iOS Startup Accelerator project to sell expertise to potential clients.
- Designed architecture visualizations to represent companies and the costs, effort, value, and complexity of digital transformations via Ardoq Enterprise Architecture with each client realizing up to \$5 million in potential savings or cost avoidance.
- Trained teams, designed and implemented an IT self-support system, created visual representations of high-level API infrastructure, and enforced gateway replacement schedule, to allow decommission of an old system and reduction in support costs resulting in over \$50 million in savings.
- Developed features to export a human-readable-format excel file via Scala as a critical feature to processing payment on healthcare project.
- Engineered and designed various ETL, MDM, web service, and more integrations requiring Javascript, SQL, and UI form development as core components of alerts for possible sales and vendor service use as integration engineer critical to making progress towards future business goals.
- Engineered OAuth2 security PoC used across all client's internal APIs ensuring compliance and security using AzureAD and ADFS token types via Java SpringBoot development.
- Leads project workstreams, uses expertise in presentations and trainings, develops company on a global level via documentation and video production, and is a thought leader in learning, startup entrepreneur mindset, and motivation.

ALLIANCE INSPECTION MANAGEMENT

Farmington Hills, MI

Android Applications Developer

Oct 2016 – Oct 2019

- Lead developer on Android application team critical for business with launch of multiple builds of a core vehicle inspection application on several devices successfully furthering revenue by \$10 million.
- Enforced stricter standards on code quality, testing, and optimization.
- Mentored and assisted new hires and other Android and SpringBoot teams.

Rayma Group, LLC

Holt, MI

Android Applications Developer

April 2016 – July 2019

- Solo developer for end-to-end application with user data driven recommendations algorithm built with Android Java and PHP with MySQL.
- Launched after 6 months and continued development for 9 additional months.

Professional Skills & Capabilities

- Front End SE: Android Java & Kotlin, React Native, iOS SwiftU, JavaScript, TypeScript
- Back End SE: Java, SpringBoot, PHP, C#
- Test: Mockito, JUnit, Espresso, Robolectric
- Database: MySQL, PL/SQL, SQLite, T-SQL
- Architecture/Design Patterns: MVVM, MVP, MVC, CLEAN, Singleton, Observer
- Productivity Tooling: Git/Github/Bitbucket, Jira, Figma, Android Studio, Xcode
- Android Libraries: Ktor, Retrofit, OkHttp3, SQLdelight, Jetpack, Decompose, KMM, Picasso, Camera2

Education

- Google Android Developer Training
- Philipp Lackner (PL) Android Courses
- Udemy (Software Engineering courses)
- Central Michigan University (Bachelor's of Applied Arts, Major: Broadcasting)

Certifications

- Ardoq: Professional Practitioner (Nov 2023)
- Dell Boomi: Professional Developer (Jan 2020), Production Admin (March 2020), Master Data Management (Feb 2020), Flow (March 2020)

Additional Qualifications

- Freelance App Development
- GitHub: <https://github.com/timkaragosian1>
- Previous Business Owner & Sales Manager
- Skilled Video Producer & Graphic Artist