Farhan **Ahmed**

Software Engineer

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PROFILE

With over two decades of experience in setting and executing technology strategies and aligning technological resources with business goals, I am a highly skilled software engineer. I am well-known for my ability to select the most suitable technology, utilizing foresight, sound judgment, and security-first approaches in developing strategies. My aim is to consistently provide secure, scalable, and efficient applications with excellent quality and user experience.

TECHNICAL SKILLS

Swift	● ● ● ● ●
Objective-C	● ● ● ● ●
Python	● ● ● ● ○
Flask Framework	● ● ● ● ○
REST API	● ● ● ● ○
Rust	● ● ○ ○ ○
RDBMS (PostgreSQL, MySQL)	● ● ○ ○ ○

EXPERIENCE

Lead Software Engineer
Y Media Labs, Inc. — 2014 to Present

Architecting and implementing scalable apps with mobile, security, and privacy first methodologies. Pioneered development of ResearchKit based applications for leading medical institutes as part of Apple's research applications on iOS, showcased in the Keynote by Apple in March 2015.

- Led and mentored a team of 5 iOS engineers across the continental US on the largest and one of the longest running projects.
- Provided technical and architectural guidance for both iOS and Android teams.
- Architected and implemented networking for the app with a focus on security utilizing public key pinning. This key functionality was validated and approved by a 3rd-party pen-test agency.
- Created a development server using Flask (Python) framework to mimic the production API that is consumed by the app. Increasing productivity for both developers and QAs for troubleshooting and development.
- Collaborated with interdisciplinary teams to define product scope, design, and technical feasibility.

Senior Software Engineer, Contract
Apple, Inc. — February 2014 to August 2014

A complete rethinking and reimagining of an ailing internal web app. The web app was rearchitected to be a lot more modular, flexible, extensible, and ultimately maintainable. It tied desperate systems together and offered a uniformed REST API, using Flask (Python), that can be consumed by clients on multiple platforms.

Cofounder, CTO
Tribeca Treehouse, LLC — May 2012 to February 2014

A sophisticated and nimble iOS native application for outdoor activities. Key features include creating custom routes, setting waypoints (with geofence capabilities), and associating each route and/or waypoint with a single song or an entire playlist.