Varun Santhanam

iOS Engineer

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Experience

Co-Founder & CTO — Sherbit Health
July 2014 - Present — Emeryville, CA

- Built & shipped software used at several hospitals including Tufts Medical Center and Jefferson Health.
- Worked with physicians to build hypertension-specific features including blood pressure monitoring, treatment intervention, and daily patient reports.
- Managed local & remote teams in the construction of Sherbit web services and associated front-end applications.
- Built patient-facing iOS app.

Frontend Engineer — HealthLoop
November 2017 - February 2018 — Mountain View, CA

- Assisted in rewriting the patient-facing frontend from Bootstrap to React/Redux + Typescript + Less.js
- Added features to opt-in and opt-out of HealthLoop check-ins for primary care patients.

Mobile Engineering Intern — Jivox
June 2011 - July 2011 — San Mateo, CA + Bangalore, India

- Built an iOS SDK for developers to serve advertisements from the Jivox ad network in their applications.
- Built an internally used iOS application to serve as an ad gallery for use by company salesmen.
- Worked with teams in Bangalore, India and San Mateo, CA.

Software Engineering Intern — Alerting Solutions
April 2011 — Martinez, CA

- Deconstructed and recompiled proprietary drivers for a relay card to work with other Linux distributions.
- Automated backup of on-site servers with Pearl scripts.
- Worked on a light-weight version of the company's flagship alerting software for use with a smaller, less-capable hardware stationed in hard to reach places.

Education

University of California, Berkeley
2012 - 2014 — Computer Science — Berkeley, CA

The College Preparatory School
2008 - 2012 — Oakland, CA

Skills

Languages: Objective-C, Swift, JavaScript, Python, C, C++, Java, Go, PHP, Pearl

Technologies & Tools: React.js, Redux, Node.js, Jest, Flow.js, Electron, Travis-CI, Sketch, LESS, Google Cloud Platform

iOS Specific: UIKit, AutoLayout, CoreAnimation, CoreData, CoreLocation, HealthKit, CoreMotion, Swift/Objc Integration, GCD, App Localization, Interface Builder, RESTful service integration, XCTest, xctool, OCMock, JazzyDocs, CocoaPods/Carthage

Select Projects

Launchpad | React.js web application to collect & share all my online profiles & projects | www.talktovarun.com
Memoria | macOS GUI for memtest | memoria.vsanthanam.com
Nexum | Modern network reachability observation framework for iOS | nexum.vsanthanam.com
Statio | A free activity monitor for iOS | www.statioapp.com
VSAlert | Drop-in replacement for UIAlertController with better styling & customization | vsalert.vsanthanam.com