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Adaptable, results-focused software engineer with 10+ years of experience shipping native mobile, web and backend products, seeking personal and professional growth.

Experience

TrueCar - Software Engineer 4; Technical Lead (Q2 2017 - Present)

Acting technical lead for 4 native mobile applications.

- Manage sprints and backlogs, perform phone screens, prioritize tasks, evangelize technical and product initiatives and work cross-functionally across entire tech org.
- Moved all of mobile C.I./C.D. from colocated Jenkins machines to Circle C.I. saving countless hours of engineering time.
- Switched from pure BASH to fastlane for C.I./C.D. Saved countless hours of engineering time.
- Fixed issues with C.I. including absent Pull Request builds, cluttered signing certificates and expired Provisioning Profiles.
- Devised a system for individual developers to take ownership over the implementation of certain product and technical objectives for two reasons: Growth opportunity for the individual and to raise up new leaders.
- Help develop and foster a team culture by documenting expectations for pull requests, code reviews, engineering patterns, best practices, etc.

TrueCar - Software Engineer 4 (Q2 2016 - Q2 2017)

Took an opportunity to learn React/Rails and work on a web frontend team.

- Led client-side development of the "Sales Analyzer" tool for TrueCar's new Dealer Portal. Delivered in 3 months, from nothing to production in time for a hard deadline.

- Helped rewrite TrueCar's used car buying product from Python/Java. Added React components, debugged issues w/ Rails backend, helped deliver the used car buying product on time.
- Helped maintain Gluestick, TrueCar's OSS for building universal React web apps by reporting bugs and writing documentation.

TrueCar - Senior iOS Developer; Technical Lead (Q4 2014 - Q2 2016)

Stepped into a leadership role on the iOS team.

- Provided full time assistance to USAA— a consumer of our SDK.
- Managed iOS build system via Jenkins and a ton of BASH.
- Spent a great deal of time working with React Native, vetting it as a viable solution for our team to share code and work more efficiently across all apps and operating systems.
- Led an effort within the mobile team to build and deploy a small Rails app (still in use today) into production to support both Android and iOS mobile apps.
- Created interactive, gesture driven intro animations with CoreAnimation.
- Added Used Car buying experience to mobile app. This is now the most used feature in our consumer iOS app.
- Built a custom UITextField control for authentication screens with various states and other visual transitions.

TrueCar - Senior iOS Developer (Q4 2013 - Q4 2014)

Responsibilities included implementing various features, fixing bugs and hacking on our build system. Other notable work:

- Designed and built a new client/server API protocol in Thrift for a code-based authentication flow that bridged users seamlessly from web to mobile via text message, email or hyperlink.
- Restructured the iOS app's local storage scheme. Updated corresponding web service APIs for new automated offers feature.

The Omega Group - Senior Developer (Q1 2008 - Q4 2013)

At Omega (now: TriTech Systems) I actively developed several critical, client-facing applications.

- Built The Omega Dashboard frontend (https://www.youtube.com/channel/UC_Ar9AJ7wcrVx0AypIGi19Q) and worked on some of the API.
- Built and/or managed CrimeMapping for iOS, NearMe for iOS (Omega), NearMe for iOS (Redlands PD), Field Interviews for iOS (Redlands PD) as well as all API that powered them.
- Lead meetings with Redlands Police criminologist and other staff to gather requirements, discuss early prototypes and designs and gather other feedback for apps. Wrote all technical documentation and handled issue tracking.
- Overhauled and redesigned the Omega Group's corporate website. Company logo and stationery were subsequently updated.

Education

Virginia Polytechnic Institute and State University — Computer Science, 2002

Personal

Any spare time I have is spent with my wife and 2 kids, doing anything/everything outdoors especially CrossFit, surfing and hiking. I also enjoy taking on and contributing to interesting OSS projects. As a family we're active in our local non-denominational church and care deeply for the marginalized, oppressed and underserved segments of our community.

References

Available upon request.