

Byron Warner

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Summary

Engineering leader with deep experience spanning full-stack development, team building, and product delivery. Recently rebuilt an engineering organization from the ground up, launched multiple products from conception to production, and managed distributed teams across the Americas. Hands-on technical leader who codes daily while driving strategy and mentoring teams.

Technical Expertise

Languages & Frameworks: TypeScript, JavaScript, Ruby on Rails, Node.js, NestJS, React, Next.js, Angular, Swift, Objective-C, Java

Cloud & Infrastructure: AWS (CDK, S3, CloudFront, Lambda), Docker, CI/CD (Jenkins, GitHub Actions)

Data: PostgreSQL, MongoDB, Couchbase, SQLite, GraphQL, Apollo

Practices: Agile/Scrum, Code Review, TDD, Remote Team Management

Professional Experience

Director of Engineering

Oncue · San Francisco, CA · Jul 2020 – Sep 2024

- Defined and executed engineering vision, strategy, and goals aligned with company objectives
- **Hands-on technical leadership:** wrote features and reviewed code for critical projects including Web booking lead form, next-gen CRM, Customer Portal, and Reporting dashboard
- **Architected and developed core services** using TypeScript, GraphQL, AWS, and Next.js
- Implemented **Dropbox Sign** integration: built webhook handlers for signature events and created reusable React component wrapping the embedded signing experience
- Integrated **Twilio** IVR (interactive voice response) and Messaging APIs for customer communications; implemented **Stripe** subscription billing for the Customer Portal

- Rebuilt and led a distributed engineering team across Latin America and the U.S., fostering a culture of innovation and continuous learning

Principal Software Engineer

Healthline Media · San Francisco, CA · Nov 2016 – Jul 2020

- Full-stack development on Healthline's platform rebuild using Next.js, Node.js, and React on AWS
- Built ad display framework using Google Publisher Tags (GPT) and Prebid.js header bidding
- Architected static failover site using AWS S3 and CloudFront as CDN
- Built GDPR-compliant system to handle data requests, auditing, and user data removal
- Implemented California Consumer Privacy Act (CCPA) UI and IAB User Signal API

Principal Software Engineer

OpenTable · San Francisco, CA · Apr 2016 – Nov 2016

- Built features for Guest Center product enabling restaurants to manage table inventory
- Developed in Angular 1.3, Less, Mono, and MongoDB
- Rolled out E2E testing system using Nightwatch.js, Selenium Grid, and TeamCity
- Built restaurant data migration tool in React, Redux, and Node.js

Principal Software Engineer

Constant Contact · San Francisco, CA · Apr 2013 – Jan 2016

- Lead iOS developer for Constant Contact's email marketing app
- Created Model-View-Presenter (MVP) architecture to improve UI testability
- Extended data sync engine with caching, indexing, and full-text search using FMDB and SQLite
- Built CI/CD pipeline with Jenkins for automated testing and deployment to HockeyApp
- Served as Scrum Master for team of 4 developers and 2 QAs
- Also worked full-stack on Toolkit product using Angular.js, Java, SpringMVC, and Jersey

Senior UI Developer

GAP Inc · San Francisco, CA · May 2012 – Apr 2013

- Key contributor on team implementing faceted navigation for product catalog
- Built Responsive Design JavaScript framework for adapting pages across mobile, tablet, and desktop
- Created Angular.js prototype demonstrating grid-based shopping cart design

Contract Engineer (via Vircon)

Various Clients · San Francisco Bay Area · 2005 – 2012

Walmart · Aug 2010 – Oct 2011 - Developed features for Walmart's mobile website and native iPhone app - Built credit card and address entry flows using Apache Wicket - Wrote RESTful services for address validation and shopping cart integration

Hi5 · Nov 2009 – Feb 2010 - Built dashboard to visualize customer metrics using RESTful Java services (Spring Web Services) and Grails rich client with jQuery and AmCharts

Wells Fargo · Jan 2006 – Oct 2009 - Developed CEO Workstation, a highly interactive web-based cash management app using DHTML, AJAX, Prototype, and Scriptaculous - Built features for Online Bill Payment service using XSLT templates and custom AJAX library

BankServ · 2005 – 2006 - Completed web-based front-end for Wire Transfer System using JavaScript, CSS, HTML, and Struts-based J2EE

Director, Hosted Products Group

Moody's Analytics · San Francisco, CA · 2000 – 2004

- Managed team of 6 developers delivering all web-based products
- Responsible for project management, architectural design and review, hiring decisions

Education

M.S. Computer Science · Georgia Institute of Technology

B.S. Mathematical Sciences · University of North Carolina, Chapel Hill