Josh Minnich

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Technical Experience

Languages	Ruby, ES6 (ES2015), JavaScript, Babel, CoffeeScript, JSX, SASS, Less, CSS, HTML, TwiML, Python, Java, XML, Stylus, PHP, C#, Visual Basic
Frameworks & Libraries	Ruby on Rails, Grape, Sinatra, Node.js, Express.js, Hapi.js, jQuery, Backbone.js, Ember, Jekyll, React, React Native, Lodash, Underscore.js, HighCharts, D3, PhoneGap
Datastores	MySQL, Postgres, MongoDB, Redis, Memcache, RabbitMQ
APIs	Twilio, AWS including S3, RDS and Lambda, ESPN, Facebook Marketing, Google Maps, Geocod.io, Twitter, Instagram

Professional Experience

2014 – Present

Senior Software Engineer / Revolution Messaging
- Hired and mentored junior and mid level engineers while working remotely.
- Implemented engineering processes that benefited engineers and their growth as well as introduced stability to coding and deployment.
- Built an advertising web application for the ad team to manage campaigns over multiple advertising platforms including Facebook, The Trade Desk and App Nexus.
- Built a constituent syncing tool that allows clients to upload voter data and sync the information to their mobile subscriber lists and hook up their own APIs up to recieve data in real time when their subscribers participate in text message campaigns.
- Introduced virtual machine boilerplates for all engineers to use to speed up their development and deployment processes.
- Introduced single sign to make it easier for clients to login and manage their data without multiple accounts.
- Collaborated with BillToMobile to develop the text to donate tool for Bernie Sanders that allowed contributors to text an amount to donate to the campaign without needing to enter credit card or other payment details.
- Streamlined and migrated web applications to cloud based architecture.

2013 – 2014

Software Engineer / Revolution Messaging
- Rebuilt existing calling and legislator lookup applications using modern languages and development practices to support larger and concurrent background tasks.
- Managed server resources, scaled platforms, and actively participated in development operations and deployments.
- Created presentations and lead technology discussions on company retreats.
- Extended calling platform by building a scheduler to handle large volume campaigns.
- Promoted to Senior Software Engineer shortly after first year.

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2012 - 2013

Software Engineer / Bellycard

• Developed and maintained mobile merchant application that ran on iPad and Android tablets inside merchant locations using a single codebase.

• Deployed updates to the merchant application with zero downtime and zero interuption to the consumers using the product.

• Introduced integration and unit testing to the merchant application to cut down on development and deployment time.

• Set up A/B testing to compare engaguement across all devices to track which features and designs were more successful.

• Participated in engineering hackathons and turned ideas into features that were implemented for internal and public use.

• Helped build out custom analytical platform to replace Mixpanel while saving the company over 50% on their existing analytics and tracking budget.

2011 - 2012

Software Engineer / Marketron

• Designed and implemented entire Mediascape application UI which was expanded to existing applications in the suite of products.

• Maintained UI style guide and documentation, built out JavaScript components, and stylesheets so beckend engineers could implement frontend changes.

• Built prototype web pages and web applications to be presented by sales team as new features and products to customers.

2011

Web Engineer / LuxDelux

• Built microservice-like web apps using Node.js that hooked into Facebook pages to run contests and collect sign ups for main LuxDelux e-commerce platform.

• Designed and implemented e-commerce web site design and admin design for managing orders and customer information.

• Designed, implemented and maintained email templates for all platform communication and e-commerce sales.

2010 - 2011

Web Engineer / SuccessFactors

• Worked on core UI team that was responsible for enforcing web standards and accessibility across the entire suite of web applications for all engineering teams.

• Helped maintain internal JUIC (JavaScript User Interface Components) components that all engineers working on the frontend were required to use.

• Attented weekly meetings with engineers of all skill levels to document bugs and feature requests for JUIC componenets.

• Trained offshore teams on web standards, accessibility, and use of JUIC via GoToMeeting.

• Worked with a small team on a redesign concept of the SuccessFactors web application to encourage change and build up excitement around the updated UI.

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2009 - 2010	**Web Engineer** / ArcWorldwide

• Worked with designers to turn Photoshop mockups into pixel perfect marketing websites for large clients including Kellogg's, Maytag, Whirlpool, Home Depot, Lowes, Allstate, and Purina Beneful.
• Built out the first meal planning calendar for the Special K website featuring drag and drop functionality.
• Started a small research group for experimenting with new libraries that could be used on new websites.

2008 - 2009	**Web Developer** / Verge Solutions

• Redesigned interface for VSuite product line consisting of three web applications.
• Replaced old UI components with modern solutions that could be implemented easily by existing engineers working on the VSuite product line.
• Started out as a part-time job and was offered a full-time position before accepting the position at Arc Worldwide.

2007 - 2008	**Web Developer & Designer** / Visicswire

• Designed and built various portfolio websites for local artists and professionals.
• Worked part-time while attending college as a full-time student.

Awards

2017
• Won Reed Award for Best Use of Text Message Fundraising Mobile Fundraising Strategy and Technology Revolution Messaging.
• Nominated for Reed Award for Best Self-Serve Platform

2014
• Won Reed Award for Best Use of Viral Marketing.
• Nominated for Webby Award for Drunk Dial Congress.

2008
• Won Webby Award for Xerox-Exchange.

Education

2005 - 2009
Columbia College Chicago
BFA Digital Media Technology, Web Development & Web Technology