Micah Delane Bolen
Software Engineer

micah.tech
micah.bolen@gmail.com
San Jose, CA

Language	Proficiency Level	Used In Production
ECMA-262 5th Edition	▫▫▫▫▫	✓
ECMA-262 6th Edition	▪▪▪▫▫	✓
PHP Versions 5 & 6	▪▪▪▪▫	✓
Java SE 7 & 8	▪▪▫▫▫	✓
Ruby Version 2.X.X	▪▪▫▫▫	✓
Python Versions 2 & 3	▪▪▫▫▫	✗

Table 1: Programming Language Experience Overview

Professional Experience

Software Engineer

eLeadCRM
September 2015 – December 2015
eLead is a customer relationship management platform for the automotive industry.
My primary focus was front-end web development working with ReactJS and the Redux architecture. I worked on a team to develop a reboot of a pre-existing product.
Responsibilities included developing a brand new front-end architecture and build process within a rapidly evolving Microsoft-based infrastructure.

Software Engineer
Rainmaker Software, Inc.
July 2015 – September 2015
Rainmaker is a fundraising platform-as-a-service.
My job on the team was to further the development of their underlying PHP framework called EvolutionSDK as well as directly improve the platform by expanding and implementing best practices as it related to the API targeted at third-party developers.
This position required me to write both professional-level PHP and professional-level JavaScript code (including working with AngularJS) on a daily basis. I collaborated on a small team and we used Git for version control.

Front-End Engineer
Timely
January 2015 – May 2015
Timely is a time-tracking platform for freelancers and small businesses.
My job on the team was to further the development of the main product's web application UI based on AngularJS. I contributed to a number of improvements to the web UI all the way from concept to implementation.
While working for Timely, I fixed a related bug in a Google product (Vulcan - a Firebase Chrome extension for developers).
This position required me to write professional-level JavaScript code (including working with AngularJS) on a daily basis. I collaborated on a small team and we used Git for version control.

See 2014 freelance section below.

Front-End Engineer
PowerInbox, Inc.
September 2013 – December 2013

PowerInbox is a technology company focused on realtime dynamic email.

My job on the team was to further the development of PicYourWeekend; a realtime dynamic email experience that helped people decide what to do with their weekend. The web application UI was based on AngularJS. I contributed to a number of improvements to the web UI all the way from concept to implementation.

This position required me to write professional-level JavaScript code (including working with AngularJS) on a daily basis. I collaborated on a small team and we used Git for version control.

See 2013 freelance section below.

Senior Software Engineer
VTrainingRoom, Inc.
May 2012 – February 2013

Lead developer on a number of proprietary virtual learning products as well as custom LMS builds for several large clients. Working on a daily basis in PHP and JavaScript, SVN, Salesforce, WordPress, Moodle, OpenCart, custom REST and SOAP APIs, and server administration (Unix terminal over SSH, MySQL, etc.).

A challenge I solved for vTrainingRoom involved querying the Google JS API to asynchronously render graphs and charts as SVG markup in a webpage, then sending the SVG markup to a PHP script that injected the SVG charts and graphs in a PDF that was then asynchronously served to the client as a downloadable file. All this happened within a single click event and took less than a second to load over a decent connection.

IT Specialist
University of Florida
July 2008 - August 2011

Handling Tier-1 and 2 IT support requests in addition to web administration, database administration, and OS deployment management. Some key projects included:

Academic department website redesign:
I was asked to give the University of Florida Agronomy Department's website a complete makeover as well as implement a new content management system. Before the redesign, the website consisted of static HTML pages relying upon SSI and FrontPage Extensions. Further, the CSS provided lacklustre color schemes and off-kilter page layouts. After some meetings and correspondence with the clients (students, faculty and department chair), I decided to implement a custom WordPress installation to serve as the content management system. I then designed a custom WordPress theme which involved writing HTML, jQuery, PHP (including calls to the backend MySQL database), and CSS code. After the project was finished, the website was transformed into an attractive and useful source of information about the department including such features as multiple news feeds, microformatting, social media integration, and LDAP authentication for the faculty.

Fiscal/grants/HR web database:
I was asked to implement a database system to manage my department's fiscal/grant/HR information. The requirements included the ability to run reports on such information as employee salary distributions and cash flow forecasting. The clients (administrative personnel) also requested that the database be accessible over the web. The organization was already using SharePoint and Microsoft Office, so I decided to build a Microsoft Access Web Database and then publish it to SharePoint. I utilized database design principles such as data normalization and building off of a logical data model. The coding involved some VBA and the schema was completely custom, but most of the work was conducted with the Access GUI.

Online teacher directory:
I was asked to create an online directory of teachers that would allow for teachers around Florida to login and create/update their profiles with various information about themselves as a well as upload a profile picture. The profiles also needed to be searchable and sortable based on various criteria including the teachers' affiliations with specific organizations. I decided to create the directory as an ASP.NET MVC web application with a backend SQL Server database.

*Freelance Software/Web Development Contractor
Elance, Inc.
2014

Small programming projects for various clients. Work included primarily web and mobile application development and bug triage. Primary language and framework of choice respectively: ECMAScript and AngularJS. Maintained a stellar reputation with all of my clients as evidenced in my Elance job history.

*Freelance Software/Web Development Contractor
Elance, Inc.
2013

Small programming projects for various clients. Work included primarily web and mobile application development and bug triage. Primary language and framework of choice respectively: PHP and WordPress. Maintained a stellar reputation with all of my clients as evidenced in my Elance job history.

References available upon request.

Framework	Proficiency Level	Used In Production
Angular Versions 0 & 1	■■■■■	✓
Angular Version 2	■■□□□	✗
Kendo UI	■■■□□	✓
WordPress (all versions)	■■■■■	✓
Moodle	■■■■■	✓
Bootstrap	■■■■■	✓

Table 2: Framework Experience Overview

Library	Proficiency Level	Used In Production
jQuery (all versions)	■■■■■	✓
D3	■■■■□	✓
React	■■■□□	✓

Table 3: Library Experience Overview

Technology	Proficiency Level	Used In Production
HTML5	■■■■■	✓
CSS3	■■■■■	✓
RESTful APIs	■■■■□	✓
SASS	■■■□□	✓
Web Components	■■□□□	✗

Table 4: Web Technology Experience Overview

Technology	Proficiency Level	Used In Production
Relational (MySQL)	■■■□□	✓

Key-value (Firebase)	▪▪▪▪☐	✓

Table 5: Data Technology Experience Overview