C. Jordan Ball III

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Software / Web Developer

JavaScript | NodeJS | React | Angular2 | Postgres | MongoDB

PROFILE

Former attorney turned programmer/web developer, with experience designing and building full-stack web applications within the NodeJS / Express environment. Highly skilled as a problem solver, **ranked 1st or 2nd out of 65,000+ users on the coderbyte.com coding challenge website**. A lifelong learner who combines a love of new technologies with a passion for digging deep into programming fundamentals.

TECHNICAL SKILLS (most developed are bolded)

Programming/Markup Languages:	**JavaScript (ES6)**, **C**, Java, Go, **HTML**, **CSS**
Server-Side Frameworks:	**NodeJS**, **Express, Swagger**
Front-End Frameworks:	**React/Redux**, **Angular4**, Angular, **Bootstrap**
Database:	**MongoDB / Mongoose**, **PostgreSQL / Sequelize**
Charting:	d3, Highcharts
Testing:	**Mocha**, **Jasmine**
Other:	**AWS** (**EC2**, **S3**, **Route53**, **IAM**, etc.), **Git/GitHub**, **Bitbucket**, Heroku **Webpack**, **Docker**, **Digital Ocean**, **Pivotal Tracker, JIRA**, **agile development**

EXPERIENCE

Shockoe
Aug 2016 to May 2017

Software engineer creating web applications for large corporate clients. Lead development role in setting up application using Angular2 framework enabling national retailer to manage inventory through mobile devices used by employees connected to company database. Lead front-end developer for application allowing employees to make reservations on corporate buses and for managers to supervise bus movement and ridership.

Lumiary
May to July 2016

Contract position working as a developer for team updating front end of a customer data application currently employing a Backbone / Marionette framework. Creating new views to designer specifications as well as updating / debugging previously created views. Preparatory tasks to assist development of React / Redux app to replace current product.

CaseNEX
Aug 2015 to Feb 2016

Software developer on team designing and implementing major commercial web-based application for the education market. Responsible for programming throughout the development stack, including basic design and layout of app components, implementing components using JavaScript / React / Flux, setting up routes in a REST routing structure using Swagger, writing PostgreSQL database queries to react with application API, and distributing state application data as needed through a Flux event framework.

Web Developer
March 2015 to July 2015

Developing web apps, primarily using NodeJS, Angular, MongoDB, and the Ruby/Rails framework.

EDUCATION (Degree Programs)

Manhattan School of Music   New York City
Bachelor of Music—Classical Guitar

Georgetown University Law Center   Washington, DC
Juris Doctor

New York University School of Law   New York City
LL.M.—Taxation

EDUCATION (Other)

General Assembly   Seattle, WA
Web Development Immersive   November 2014– February 2015

Full-time immersive coding boot camp, building web apps using MEAN stack and Ruby/Rails framework. Devoted approximately 80 to 90+ hours per week, including class sessions, homework, and building full-scale web applications. Graduated with extensive experience in designing and building web apps from front-end design to server-side / database.

Harvard University/edX   Verified Certificate
CS50—Introduction to Computer Science   May 2015

Harvard's gateway computer science course. Although considered one of the most rigorous undergraduate courses at Harvard, it has proved so popular that in 2015 it was adopted by Yale as its introductory computer science course, via lectures streamed from the Harvard campus!

The first two-thirds of this twelve week course are implemented in C, followed by sections addressing the Internet, web applications, and computer security, utilizing PHP, JavaScript, SQL and other common web languages / frameworks. Graded assignments consist of nine problem sets plus a final project. Topics covered include: C syntax and programming structures; debugging techniques, particularly use of the gdb debugging tool; analysis and implementation of algorithms, with a focus on asymptotic run times of common searching and sorting methods; data structures, including arrays, trees, tries, hash tables, linked lists, queues, and stacks; memory allocation and management, including use of pointers, heap, and stack memory; and file input/output, both dynamically and at the command line.

Code Fellows   Completed
Foundations II: JavaScript   October 2014
Survey of the fundamentals of JavaScript, including basics of functional, asynchronous programming, object-oriented JavaScript concepts, AJAX/JSON, use of libraries such as lodash, underscore, jQuery, use of Git/GitHub.

Online Courses
Udemy, egghead.io, Treehouse

AWS Certified Solutions Architect—Associate 2017 (in progress)
Docker for DevOps
Docker Technologies for DevOps and Developers
React Native with Redux (in progress)
Advanced React and Redux
Modern React with Redux
Build Web Apps with React and Flux
The Complete Developer's Guide to MongoDB
(*continued*)

EDUCATION (Other)

Online Courses (cont.)
Udemy, egghead.io, Treehouse

Complete Guide to Angular4
Learn and Understand Angular
Unit Testing Angular
Webpack2: The Complete Developer's Guide
ES6 JavaScript: The Complete Developer's Guide
NodeJS Basics
Learn and Understand NodeJS
Build a Simple Dynamic Site with NodeJS
NodeJS Codeless API Creation: Up and Running with Swagger
Use D3 to Build Interactive Charts with JavaScript
Backbone Tutorial
Git Basics
HTML / HTML Tables / HTML Forms
CSS Basics
CSS - Beyond the Basics
Ruby Basics
Java Basics
AJAX Basics
NodeJS Basics
Understanding "this" in JavaScript