Robert Weilbaecher

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Accomplished former medical physician changing career to pursue life-long passion for computer programing and using technology to solve problems. Excellent interpersonal skills, including listening, honed as a clinical physician, and an uncommon ability to communicate complex technical information efficiently and effectively. I am an energetic, positive co-worker and mentor who believes in contagious enthusiasm.

**Education**

B.A. Archaeology/Pre-Med, Columbia University New York, NY (1987-1991)

M.D., Louisiana State University Health Sciences Center New Orleans, LA (1991-1996)

Internal Medicine Fellowship, Fairview-University Hospital Minneapolis, MN (1996-1999)

Web Development Immersive, General Assembly Austin, TX (2015)

**Web Development Skills**

* Primary proficiency with:
  + MEAN and the MERN stack with HTML5, AJAX, JSON, JavaScript (ES5/ES6), Bootstrap 3.x/4.x, jQuery, CSS3, MongoDB, Express.JS, Node.JS, Webpack, NPM and Responsive web design.
* Frequent experience and strong capabilities:
  + Creating **React.JS** and **Angular** single page applications using React-Router, Angular-Router, ES6 and Typescript
  + Developing applications in MVC architecture with React and Angular from conception to deployment
  + Using full spectrum application of SDLC
  + Applying Agile/Scrum software development methodologies and version control (Git/GitHub)
  + Developing fast-response web applications with React, including stateful and stateless components with ES6 Arrow, Async, Await, Promise, and Timeout functions.
  + Applying Angular MVC architecture with its dependency injections, router module, controllers and services
  + Developing REST API server with MongoDB and Express.JS.
  + Using AJAX calls in web service to process JSON files, front-end to/from back-end
* Working knowledge with:
  + Angular observables and RxJS
  + React Redux to use a store, actions, and reducers to manage state
  + Using Gulp, Grunt and Webpack build tools
  + Rails and React-Rails development and integration with Postgres database
  + Python/Django development and integration with MySql database
  + Java app development in console environment

**Experience**

**Software developer education New Orleans,LA December 2018 – Present**

* Moved back home to New Orleans to focus more on software development
* Took 2 classes at University of New Orleans (Calculus and Software Development I – Java)
* Utilization of Free Code Camp, edX, Coursera, and Udemy tutorials to further my software development skills
* Working on personal coding projects to reinforce code skills and to practice new ones

**Bazaarvoice, Inc., Austin, TX March 2017 – November 2018**

**Technical Success Manager**

**Responsibilities**

* Investigating, debugging, and performing code changes to resolve technical issues for my clients
* Routinely had to read code to look for errors in many formats – XML, HTML, CSS, Javascript.
* Provided high level technical support to fortune 500 named accounts.
* Won the MVP Award for working on Salesforce tool to help the Support Team.
* Participated in 3 company hackathons.
* Won the Innovation Award for being the lead developer on a team that won the company hackathon and produced a react app (Narwhal) that became a valuable tool for team members both in Support and beyond.

**Southern Careers Institute, Austin, TX May 2016 – November 2016**

**Lead Javascript Bootcamp Instructor**

**Responsibilities**

* Developed the syllabus and integrated the curriculum of a national code bootcamp within the school’s framework.
* Went to a comprehensive training in the bootcamp program – Javascript Full Stack.
* The Bootcamp included training in HTML5, CSS3, Javascript, TypeScript, Angular, Node/Express, Ionic, and MongoDb.
* Git and GitHub training for students was initiated from the start and all assignments and daily lectures were in the class repo.
* Emphasized the Agile/Scrum software development process.
* Helped coordinate a teaching program for high school students to develop a 3D Unity game application that was coded in C# and used Blender to render 3D objects.
* Worked with a software engineer to help design a MEAN stack school web application.

**3 Day Start Up, Austin, TX 2016, 2017, 2018**

**Software Developer**

**Responsibilities**

* Tasked with judging and selecting a winner of an app pitch contest for the 3DS event that won a working prototype to demonstrate proof of concept.
* Collaborated and worked closely with an assembled developer team to gather user requirements and translated them into a working app in a 36 hour hackathon**.**
* On the 2016 and 2017 projects, coordinated the team of iOS and Android developers while I developed a backend API and the desktop app, the 2018 project was a react app, which I coded both the front and backend components.
* Used socket.io to create web-sockets for a chat feature as well as google maps and twillio

**Code Across Austin,TX 2016**

**Software Developer**

**Responsibilities:**

* Participated in a day long civic coding event at St.Edward’s University.
* Lead the planning process – defining the users for the application and the tech stack to be used.
* Designed and built a Bike Safety hybrid-mobile application using Angular and Ionic/Cordova.
* Integrated Google Maps API and MongoDb.

**Internal Medicine Physician working in Louisiana and Illinois 1999 – 2015**

* Worked in a variety of settings: private practice and group practice out of EJ Hospital, Doctors Hospital ER, VA ER, a variety of Urgent Care and ER facilities throughout Louisiana with CorrectCare, Inc. and throughout Illinois with Emergency Consultants, Inc (ECI)
* Used high level problem solving skills to diagnose and treat complex medical illnesses.
* Lead a team of medical personnel including Nurses, Nurses Aids, X-ray technicians, and Lab technicians to deliver excellent quality health care.
* Frequently collaborated with specialists, paramedics, medical helicopter personnel, and hospital administrators and had to convey complex information in a concise and understandable manner.
* Constant learning and improvement through continuing medical education.