Joe Badaczewski | Software Engineer

Academic Overview

- **Duquesne University**
  August 2008 – May 2012 (Undergraduate)
  Degree: BA in Digital Media Arts &
  Multimedia Management (Dual Major)

  May 2012 – May 2014 (Graduate)
  Degree: MS in Media Arts and Technology

Contact Information

- **joebad.com**
- **github.com/joe307bad**
- **twitter.com/joe307bad**

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- 717.991.7827 (cell)

Work Experience

- **Software Engineer**   Oct. 2017 – Present   **PSI**
  Responsible for creating and maintaining HR solution software that assists many Fortune 500 companies with selecting the best candidates available. Worked closely with Industrial and Organizational psychologists to develop highly complex algorithms that assess a candidate's potential for success and analyzes several facets of his or her personality. Required extensive knowledge in C#, unit testing, OOP, Angular, JavaScript ES6, cloud computing, and CD/CI.

- **Senior Visual Developer**   Sept. 2014 – Oct. 2017   **Brunner / BHiveLab**
  Responsible for building, testing, and maintaining several enterprise level web applications utilized by financial institutions with billions of dollars in assets. Tasked with constructing forward thinking, future proof architecture for applications with thousands of users and 99.9% guaranteed up time. Regularly building IoT prototypes for the innovation lab which include the latest technologies. Also, lead developer on corporate-class hybrid apps built using Angular and Ionic. This job required extensive knowledge of Angular, JavaScript ES6, Web API, C#, Entity Framework, FP, OOP, and GIT.

- **Lead Developer**   August 2013 – Sept. 2014   **Yellow Bridge Interactive**
  Responsible for leading several different development projects ranging from fully responsive, completely custom WordPress sites to business to business hybrid iOS apps, both with hundreds to thousands of users. This job required diligent time management to meet demanding deadlines for corporate companies and small businesses alike. Working here required extensive knowledge of project management, HTML 5, CSS 3, PHP, GIT, JavaScript, and Linux server management.

- **Web Application Developer**   August 2012 – August 2013   **American Textile Company**
  Responsible for developing, testing, and maintaining enterprise level web application that assist ATC with generating order invoices, scheduling warehouse processes, and automating other intranet tasks. Also, developed americantextile.com and organized email marketing messages. This job included extensive knowledge of jQuery, AJAX, PHP, PDO, OOP, MySQL, server maintenance and version control.

- **Web Developer**   May 2012 – August 2012   **McKesson Automation**
  Responsible for managing a 1,000+ user Taleo Learning Management System which handled the training of all McKesson's users and products. This required extensive knowledge of HTML 5, CSS 3, jQuery, and meticulous time management as I was responsible for scheduling learning sessions and fielding customer technical issues.

Technologies and Paradigms

- **Expert:** React (Native)/Redux/Saga, Angular/ngrx, Node/Express/Mongo, .NET Core/C#, Docker, OOP, RxJS, Typescript, JavaScript, jQuery, Webpack, Lodash, REST, OAuth, Entity Framework, .NET Razor, SQL Server, Web API, SOLID, WordPress, HTML 5, CSS 3, LESS/SASS/Flexbox, Mobile first design, Bootstrap, Kendo, HighCharts, Karma/Jasmine/Protractor, FakeItEasy unit testing, Ansible
- **Intermediate:** MySQL, functional programming, ImmutableJS
- **Learning:** Phoenix/Elixir, CouchDB, Elm