Angela Julie Dobbs
Software Engineer

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Prior Work Experience

- **Full Stack Software Engineer** - JW Player, June 2015 - Present
  - Built JW Player's Video Caption Editor[1] from scratch leveraging Angular.js to keep multiple components in sync. HTML 5's Media API, Wavesurfer.js, Angular.js's dirty checking, and JavaScript's Blob came together to make a seamless interactive interface. All of these played a part in my final implementation of this interface
  - Reduced load times by up to 50% by consolidating API calls from three disparate APIs to collate and display the data quickly and efficiently on certain pages
  - Enabled all Enterprise customers to segment video content and analytics by brand within a single unified interface which enabled their migration to a newer system. This was a major step towards deprecating the older platform dashboard and reducing technical debt
  - Assisted in creating over 6k in new Monthly Revenue by enabling seamless scheduling of particular advertisements in response to multiple requests from potential customers. For this implementation I used Angular.js drag-and-drop, Angular.js's binding control for reusable forms, and Bootstrap-UI's plugins

- **Technical Director** – HB Playwright's Foundation Theater, 2012 – 2014
  - Doubled capacity for rehearsals by implementing more efficient scheduling
  - Oversaw and ran the technical aspects of the theater, integrating lighting, sound, projection, and physical effects simultaneously

- **Freelance Production Stage Manager** - May 2009 – September 2014
  - Worked with productions and crews from all over the United States of all levels of experience and professionalism
  - Was invited to join the Union in 2011 due to quality of work
  - Saved a production 10% of the budget by ensuring union rules were followed

Languages and Technologies

- Angular.js, Python, JavaScript, Bootstrap UI, Ruby, Rails, Backbone.js, SQL, MySQL, PostgreSQL, RSpec, HTML, CSS, Git, node.js, JQuery, JQuery UI

Education

- **App Academy** January-April 2015
  - Full stack web development training intensive, <5% acceptance

- **University of Michigan – Ann Arbor** 2005-2009
  - BFA Theatre Design and Production
  - Coursework includes Physics 3, Calculus 4, Introduction to Logic, Introduction to Programming, Engineering Principles

- **Online Courses**
  - MITx – 6.00.1x Introduction to Computer Science and Programming
  - MITx – 6.00.2x Introduction to Computational Thinking and Data Science

[1] :The New JW Player Video Caption Editor: Author: Shannon Copfer & Angela Dobbs   https://goo.gl/Q7Gu4y