Heber Billings

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Professional Experience

Software Architect (UX Team Lead) : InsideSales.com – Provo, UT, 2014 – Present

- Creating a custom AngularJS library for internal development teams.
- Programming a consistent 90%+ code coverage.
- Negotiate between developers and designers for speed, cost, and aesthetics.
- Quick deployment of prototypes for proof of concepts web apps.
- Checking product implementation for standard breaking design.
- Trainings for development teams on AngularJS, Unit Test, and our own library.
- Jump start new web app product's front end.
- CEO's chosen team for prototyping and conference key note demo software.

Development Manager : Fishbowl Inventory – Orem, UT, 2005 – 2014

- Started as a junior developer and worked up to the head of development.
- Orchestrated four teams of developers to meet company goals.
- Worked with possible company partnerships as related to technologies.
- Insured the constant improvement of all developers.
- Resource management.
- Always spent at least 50% of time in code as to not get disconnected from developer needs.

Career Task

- Negotiate between developers and designers for speed, cost, and aesthetics.
- Quick deployment of prototypes for proof of concepts web apps.
- Checking product implementation for standard breaking design.
- Trainings for development teams on AngularJS, Unit Test, and our own library.
- Pushed the company from a mere 10% code coverage to over 90% coverage.
- Participate in regular managerial review meetings to improve personal performance and executive duties.
- Building a relationship of trust and respect with coworkers to the point of becoming a reservoir of intelligent opinion and bi-directional perspective.
- Orchestrate meetings and documents in preparation for approved new procedures and standards to better refine company processes.
- Compile consumer information for direction and implementation of designated product enhancement projects.
- Train employees on proper use of company tools and equipment, improving effectiveness of employees and safety of those participating with employees.
- Keep employees trained and motivated on new technologies through 'code challenges'.
- Flexibility in operations has allowed for proper flow of projects and quick reaction to unexpected situations of urgency.
- Convert the developer department to agile development from waterfall.

Education

Bachelor of Science in Mathematics : Weber State University – Ogden, UT, 2005

Monday, September 19, 2016

Project Details

Wingman : Live statistics on sales phone calls with suggestions to improve chances of closing
- Created the web interface to display the data in a user friendly way to the sales person. Connected to voice recognition server to get the transcript of the conversation.
- The conversation was also run through a sincerity check server and returned and displayed as a color on the transcript. The bluer colors meant a positive approach and the red came out as more negative.
- A voice wave ran across the page, flagging the times when pitch and speed were not at optimal levels.
- Angular and D3 were used.

Sales Indicator : Personality survey for predicting a person's ability to meet sales quota
- Created the server (php) and front end (angularJS) for creating teams and profiles.
- A set of graphs (d3) were displayed to compare potential employees.
- Custom PDF creation emailed to HR.
- 85% code coverage.

Vision : Email tracking opens, forwards, links, and attachment downloads
- Connected to a legacy REST (c-sharp) back end.
- Live updated activity feed.
- Dozens of graphs (d3) with corresponding table data.
- All the reports were filterable with a standard filter set.
- Data was server side paged, filtered, and sorted.
- 95% code coverage.

ISComponents : Internal library of CSS and AngularJS directives and services
- Created a standard CSS file built with Sass with proper base files for extending.
- A tile set of CSS classes for responsive design.
- A combo box with paging and filtering that was quick, hotkeyed, and responsive.
- The drop-down knew when to drop down, or up, to the left or right, or display full screen on small displays like phones and small iframes.
- Flexible graph collection that soon replaced the graphs in Vision and Sales Indicator.
- 95% code coverage.
- Complete JSDocs on all components and services which would build into a doc website. that complimented AngularJS' docs.
- 4 out of 6 InsideSales.com products implemented the library within 3 months.

Prototypes : Several prototypes for conference demos
- Created software to be demoed at major conferences for Microsoft and Salesforce.
- All prototypes were on a trial bases, meaning changes came daily and big.
- Worked closely with D3 to make impactful interactive charts and animations.
- Worked with three.js to create a 3D brain while being limited on laptop hardware.

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