James Tymann

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Overview

Team lead, to solve novel and interesting problems. Love dissecting a problem, and find a solution to meet the needs. Strong web dev skills, with a focus on backend and server structure and architecture.

Work Experience

The Social Edge   2016 to 2017 — Fullstack Developer — New York, NY

TSE was a startup who built some tools to prove they had a place in the market. I came on to upgrade, and architect proper solutions.

Astrometrics

- TSE Process A LOT of third party data, and need well established records of the metrics for billing purposes. Astrometrics is a tool I architected to handle processing, and saving the external information in real time.
- Built to scale so that the service can grow as the data needs grow
- Processes the information in real time so changes can be show on the UI layer as they happen. (This is an improvement over the old system)
- Provides data pipelines provided so that other tools can analyze the data in real time or asynchronously.
- Increased data retrieval time so that larger sets of data can be processed.
- Allowed us integrate machine learning services into our stack
- Saved money by utilizing services that scale better, and for less money. Saving hundreds on hosting costs.

Contempo

- Upgraded a legacy PHP UI to a modern framework. A node/rest api backend, with a standalone React/AltJS frontend
- Established continuous integration environments for easier environment management and software deploys
- Successfully launched the tool with complete feature coverage, and enhancements to save employees and customers time.

SQL Lessons

- TSE Sales and Media teams live and die by analyzing the data that is stored in our systems. For the most part we have reports, and tools that provide friendly access to the most important data. However many teams craved more real time, or more in-depth data analysis.
- I worked with these teams to teach the fundamentals of SQL, and our data storage so that these teams could analyze our data sets outside of reports
- Some teams used their new SQL knowledge to provide faster, more poignant updates to their teams. While other teams used this knowledge to analyze data to finer degrees, discovering new sales techniques.

Process Establishment

- Worked with the engineering team to come up with a process that worked.
- Implemented a version of scrum, that included focuses on planning as well as development.

- Provided better team management, requirements elicitation, and communication to upper management as to what is being worked on

Brand Networks

2014 to 2016 — Product Architect — New York, NY
2013 to 2014 — Partner Engineer — New York, NY
2010 to 2013 — Senior Software Engineer — Rochester, NY

#Momento

- Conceptualized, Created, and delivered a brand new event marketing product
- Responsible for technical architecture and delivery, while working closely with all levels of production (Hardware, Software, Networking)
- Designed a novel system architecture that solved inherent event marketing problems
- Brought in $250k revenue in the first quarter, and was featured by brands such as AT&T Wireless and Cisco Live

American Express OPEN forum

- Worked closely with client during the early stages of the product to ensure delivery of a feasible and high quality system
- Started as sole tech resource and scaled up to a larger team as the project grew
- Developed an efficient site that would handle millions of monthly page views
- Chose a flexible base framework to handle the site's ever changing and growing needs

Amex Offers — Facebook

- Developed a new style Facebook application featured in a TV commercial
- Integrated closely with Facebook and American Express to deliver a new and highly customized experience
- Built a new style product that had not been seen before

Skills

Programming: Node / Javascript, HTML / CSS, C#, PHP, Java, Swift, CouchDB, MySQL, MSSQL
Libraries and Frameworks: React, Flux, Angular, Bootstrap, jQuery, ASP.NET
Hosting and Devices: AWS, Rackspace, Heroku, iOS, Android, Windows, Linux

Education

BS in Software Engineering at Rochester Institute of Technology, Rochester, NY