
FRANCIS GULOTTA

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DEVELOPER, EDUCATOR, MANAGER

Technical

Open Source

Languages

Community

Node SerialPort Maintainer

JavaScript (NodeJS & Browser)

NodeBots Co-Founder

Request Maintainer

Exp. w/ Perl, Python, PHP & C++

W3C Member

Experience

Bustle

November 2016 – Present

VP of Engineering

Reporting directly to the CTO, I oversee our two engineering teams and our IT team. I'm directly responsible for the engineering projects that allowed us to change our business strategy from being bought to buying other companies. Our platform serves almost a billion requests a month with an average of 70ms response time from our API, primarily using Amazon Lambda and Redis. We're large proponents of JavaScript and Serverless technologies.

- Managed engineers, with a focus on keeping them happy, healthy and productive.
 - Decommissioned years of legacy products by developing the frameworks for mass migration of legacy data and merging of engineering and IT systems. Applied the framework to 5+ M&A, reducing timeline and budget with each project.
 - Lead our platform team in the development of a consolidated platform which increased development speed and drastically reduced outages.
 - Set coding and infrastructure processes across the engineering organization to allow for faster, less risky development and deployment.
 - Developed a technical playbook for mergers and acquisitions for IT and Software Development Teams.
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Bocoup

November 2015 – October 2016

Director of Web Connected Devices

Built a team specializing in advising IoT and Electronics companies, building tools, and solving problems quickly using open source software.

- Adopted Tessel, an open source hardware company, and helped them improve their developer workflows and infrastructure. I used the Tessel 2 to produce a showcase product, called the Johnny-Five Inventor's Kit that is now sold around the world.
 - Formed relationships and developed projects with teams at Intel, Microsoft and LogMeIn.
 - Scoped and executed projects improving developer experience for several IoT devices. Lowering out-of-box to deployment time from hours to under ten minutes.
 - Organized our international open source community to have the largest yearly event ever, NodeBots Day 2016, featuring 29 cities in 7 countries.
 - Managed the budget and projections for the department.
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Wizard Development

October 2013 – September 2015

Founder / CEO

Hired, trained and managed a team skilled in rails application development, serving customers in publishing and logistics. Featured on the PBS News Hour for our work in education.

- Bootstrapped the company from a personal consulting and training business.
 - Hired smart junior developers and invested in training to have a well balanced team diverse in age, sex and race.
 - Developed a strong practice of pairing, testing and iterative development.
 - Worked closely with clients to develop a shared understanding of software development workflow and business impact.
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Levo League

VP of Engineering

December 2012 – January 2014

Responsible for daily operations of the development team and infrastructure, as well as architecture and scalability of the product. Lead the team through several high-profile product launches

- Standardized processes for infrastructure changes, development practices, and deployment methodology.
- Implemented monitoring and trending, for both the infrastructure and product, to aid in capacity and development planning.
- Implemented collection and reporting of analytics throughout our product, enabling data driven decisions for product direction.
- Responsible for hiring decisions for the team.

Highbridge Capital Management

Vice President / Manager of the Network Operations Center

June 2010 – December 2012

Responsible for a global Network Operations Center tasked with ensuring continued business operations.

- Developed alert research and incident analysis tools, alleviating the need to hire additional personnel.
- Hired as an associate support engineer, promoted to a vice present and manager of the NOC in 2011.
- Supported infrastructure and development teams in daily operations.
- Worked as a first responder to incidents across our "full stack", including network infrastructure, server hardware, Linux and Windows operating systems, application support, and business processes.
- Organized a series of workshops and presentations to train employees on core tools and libraries.
- Worked with software development teams to identify areas of operational risk and aided in resolving issues.
- Responsible for hiring decisions for the team.