Aaron Montecalvo

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Work Experience

ISS Governance / Strategic Insight New York, NY   December 2017 – Present
Senior Software Engineer
- Evaluate, organize, refactor and expand all development for highly customizable client-facing report generation
- Design and build a new custom report generation platform to consolidate and replace current solutions
- Research, compare, and prototype full platform integration for third party custom dashboard software solutions
- Establish an automated deployment pipeline with Git integration, test framework automation, and static code analysis
- Create a one-click process for the monthly ETL, build, and distributed deployment of all dashboard data
- Build enhancements and bug fixes for the existing web platform serving large financial data sets

Lime Energy Boston, MA   October 2015 – October 2017
Sprint Manager / Team Lead
- Managed a team of up to 10 developers across 1 local and 3 remote locations supporting 5 products
- Delegated sprint tasks accurately to ensure a distributed workload while prioritizing business deliverables
- Coordinated software reusability to reduce sprint workload and avoid conflicts within concurrent tasks
- Evaluated short and long term technical decisions for new projects and refactored functionality

Sveltech Boston, MA   August 2014 – December 2019
Owner / Operator
- Communicate with clients to establish customer needs and create technical specifications
- Create web-based software solutions for small businesses including a customer analytics dashboard,
   appointment manager, automated email reminder system, and employee cost estimate calculator
- Set up and maintain both Linux and Microsoft servers for application deployment

EnerPath / Lime Energy Cambridge, MA   June 2012 – October 2015
Software Engineer
- Implemented desktop and mobile focused web applications spanning the full Microsoft stack
- Refactored existing service code to use more manageable and extensible models and increase performance
- Worked with client specifications and feedback to deliver customized tools for field use
- Established deployment practices and managed production releases

Olejo Boston, MA   July 2010 – June 2012
Junior Software / Usability Engineer
- Integrated new technologies and improved functionality of the platform stack
- Optimized backend systems (ASP.NET / IIS / SQL Server) for increased performance and maintainability
- Organized A/B testing and UI report generation for streamlining user interaction
- Created and implemented a new web interface for a custom ecommerce platform
- Designed and developed extensible software modules to match evolving business needs

ATG Cambridge, MA   January 2010 – June 2010
Quality Assurance Engineer
- Created automated test case suites for nightly execution using JUnit and Ant
- Configured environments and installed test products
- Migrated and organized test cases for new platforms

Harvard University, Web Development Services Cambridge, MA   January 2009 – June 2009
Web Technologies Specialist
- Researched and developed custom web applications
- Revised, extended, and tested existing sites based on customer specifications
- Supported server issues, individual workstations, and web applications

Thomson Reuters Boston, MA   January 2008 – June 2008
Quality Assurance Engineer
- Devised and executed test plans for equity-based applications
- Developed scripts for optimization of test procedures
- Tested applications on both preconfigured and live environments

Domain Skills

Current Languages	JavaScript, C#, SQL
Past Languages	Python, Java, PHP, Perl
Libraries / Frameworks	Node.js (Webpack / Babel / Create-React-App / Jest), React, Angular, JQuery, Flask, SignalR, Entity Framework, ASP.NET MVC, Bootstrap
Software	TeamCity, Jira / Confluence, YouTrack, Liquibase, Elastic Search, Sisense, SonarQube, Git, Team Foundation Server, Subversion, Document Locator, Sharepoint, Salesforce
Platforms	OS X, Ubuntu, Windows, Digital Ocean, AWS

Education

Northeastern University Boston, MA   September 2006 – May 2011
Bachelor of Science in Computer Science

Interests
- Guitar, bass, and drums
- Audio engineering, live music, and music production
- Bicycling and running
- Photography

References Furnished Upon Request