

Daniel Battaglia

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Core Competencies

Building distributed systems, infrastructure and frameworks, with a strong emphasis on code quality and performance

Languages

C++, C#, Javascript, SQL

Frameworks

Asp.Net, Angular.js, Win32, STL, JUCE

Technologies

SQL Server, MongoDB, Redis, Elastic Search, RabbitMQ, Node.js, Git, Bamboo, Docker, Vagrant

Experience

Software Architect

Feb 2012 - Present

TMP Worldwide

- Strong focus on building and maintaining high traffic, high performance systems used by thousands of recruiters and millions of job seekers every day
- Designed and developed large scale distributed systems that serve as the back end for all next generation software projects at TMP
- Developed core shared application frameworks for performing common development tasks, such as authentication, authorization and organizational hierarchy traversal
- Performed regular performance analysis of all systems, using tools such as runtime performance profilers, memory profilers and SQL query plan analyzers
- Designed and implemented continuous integration and continuous delivery strategies for deploying TMP's applications to every environment in an automated and reproducible way
- Designed and implemented solutions for automating server creation and provisioning for TMP's in-house data center, for both Windows and Linux
- Performed regular code reviews and design sessions with other developers and architects

Software Developer

Sept 2010 – Feb 2012

Centris Group, LLC

- Responsible for developing new product features for a large-scale education industry web application, deployed across multiple production environments
- Strong emphasis on developing distributed systems, using concepts such as web services, message queues and inter-process communication
- Built custom toolset used for customer data imports/ETL

Software Developer

Sept 2008 – Sept 2010

ConEst Software Systems

- Responsible for development of new features for a customer-deployed client/server application, used by electrical engineers for project management and estimating
- Developed an end-to-end deployment solution for the companies' .Net application suite, using InstallShield and custom scripts.
- Designed and developed a custom CI server application, used for automating the creation of deployment packages to customers and quality assurance engineers

Release Engineer
Centris Group, LLC

April 2008 – Sept 2008

- Responsible for building and maintaining the companies' automated build and deployment systems for a suite of .Net web applications
- Development of internal tools used to aid deployment, development and QA teams

Software Developer
Federated Payments

Sept 2007 – April 2008

- Responsible for development of web based internal-use tools for customer management and telemarketing teams
- Developed a solution for connecting the companies existing telemarketing software system to connect with Skype

Additional Projects

Consultant/Developer
Annenberg Foundation

2008 – 2009

- Developed an end-to-end web-based solution for automating processes used by the company for tracking customers and contractors/consultants.

Consultant/Developer
Monome

2006 – 2008

- Created software used to interface between the companies' open source hardware devices and various music software packages over various protocols (USB, UDP and MIDI)
- Ported their original OSX-based C++/Objective-C written software to Microsoft Windows, using C++, the MFC framework and open source libraries
- Code on Github (originally hosted on SourceForge):
<https://github.com/monome/monomeserial/tree/master/windows>

Education

Five Towns College
Audio Engineering/Business Management

1998 – 2000

Stony Brook University
Business Management

2000 – 2001

Links

- Github: <https://github.com/daniel-bytes/>
- Stack Overflow: <http://stackoverflow.com/users/1335395/dbattaglia>
- Hacker News: <https://news.ycombinator.com/user?id=dbattaglia>

Check out the source code for this resume on Github: <https://github.com/daniel-bytes/resume>