

Daniel Battaglia

217 East 22nd St, New York, NY 10010

(631)-764-0000

daniels.bytes@gmail.com

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

Experience

Software Architect

Feb 2012 - Present

TMP Worldwide

- Design and development of large scale distributed systems to serve as the back end for all next generation software projects at TMP
- Developed core application frameworks used by all TMP software developers
- Designed and implemented a high volume/high throughput application message bus, for asynchronous inter-process communication between applications using RabbitMQ
- Implemented a framework for the processing of large amounts of inbound data in a fast and scalable manner
- Performed regular performance analysis of all systems, using tools such as runtime performance profilers, memory profilers and SQL query plan analysers

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
- Responsible for creating unit tests for all new feature developments
- 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 build server application, used for automating the creation of deployment packages to customers and quality assurance engineers

Release Engineer**April 2008 – Sept 2008***Centris Group, LLC*

- 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
- Responsible for creating a build and source control solutions to integrate with an agile SDLC

Software Developer**Sept 2007 – April 2008***Federated Payments*

- 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****2008 – 2009***Annenberg Foundation*

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

Consultant/Developer**2006 – 2008***Monome*

- 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

1998 – 2000

Audio Engineering/Business Management

Stony Brook University

2000 – 2001

Business Management

**Microsoft MCPD certified
in Web Application
Development**

2011

Links

- Github: <https://github.com/daniel-bytes/>
 - Stack Overflow: <http://stackoverflow.com/users/1335395/dbattaglia>
 - Hacker News: <https://news.ycombinator.com/user?id=dbattaglia>
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Check out the source code for this resume on Github: <https://github.com/daniel-bytes/resume>