

Tony Gambone

Senior software engineer seeking a challenging position on a remote-friendly team

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SUMMARY

I am a versatile software engineer, server administrator, and team lead with over 12 years of development experience. I have extensive skills in developing both server-side and client-side web applications using modern platforms such as ASP.NET MVC, Rails, Node, React, and Backbone.

I've worked with a wide variety of programming languages, database platforms, and development tools. I love writing software, and I approach it with excitement, dedication, and a willingness to both learn from, and mentor, other developers. I'm very quick to gain expertise in new tools and codebases. I see difficult problems as a welcome challenge, and an opportunity to grow and innovate.

I believe strongly in the benefits of remote work for both employers and employees. I'm looking for a 100% remote position on a development team where I can apply my skills to new challenges.

EXPERIENCE

Virginia Department of Environmental Quality

Senior Application Developer/Architect

NOVEMBER 2007 - PRESENT

At DEQ, I'm a senior developer on the team responsible for our core suite of business applications. My responsibilities include:

- Developing and documenting core system components
- Providing technical oversight and guidance for development projects
- Prioritizing and resolving user-reported issues and feature requests
- Assisting other developers with their assigned tasks
- Administering Windows and Linux servers supporting our development, testing, and production environments
- Managing production releases
- Administering internal development and collaboration tools such as GitLab, TeamCity, and Redmine

I have been a strong advocate for introducing new technologies and development methods, and I spearheaded our adoptions of ASP.NET, web-based project tracking, Git, continuous integration, and automated testing.

My team maintains custom applications for managing environmental data, documents, GIS, reporting, public information, and financial records. We serve several hundred internal users, as well as tens of thousands of members of the public who use our applications to fulfill environmental reporting requirements, maintain certifications, and query public information.

The primary development technologies I use at DEQ are ASP.NET MVC and Web API, JavaScript (Backbone, Marionette, React, Node.js), Oracle, and SQL Server.

PRIMARY SKILLS

- C#
- ASP.NET MVC
- Rails
- PHP
- JavaScript
- Backbone
- React
- Node.js
- Oracle Database
- Microsoft SQL Server
- WordPress

EDUCATION

Bachelor of Arts

Psychology
College of William and Mary
Williamsburg, VA, 2001

LANGUAGES

English, German

AWARDS

Virginia Datathon Audience

Choice Award

Virginia Waterways Trip Planner
COVITS, 2014

Governor's Technology Award

CEDS Re-Engineering Project
COVITS, 2016

WebBones

Web and WordPress Developer

APRIL 2013 - PRESENT

I provide part-time technical contract services for WebBones, a web design firm based in Richmond, Virginia. My responsibilities include:

- Custom WordPress theme and plugin development
- Website maintenance, including hosting migrations, backup regimens, security updates
- Development of mobile/responsive versions of existing sites
- Custom Google Maps application development

To date I have worked on the websites of over two dozen satisfied WebBones clients, providing mission-critical support to the design team.

Monotask

Co-Founder and Developer

JANUARY 2011 - JANUARY 2013

I was a co-founder and developer at Monotask, a startup that provided attention management software and services.

I developed the desktop client application in C++ with Qt, supporting Mac and Windows. I also developed the Ruby on Rails API to support client integration with the main web application.

Monotask ceased operations in 2013.

Virginia Department of Environmental Quality

Web Application Developer

AUGUST 2004 - NOVEMBER 2007

I designed, developed and maintained web applications to support internal users and the public. I coordinated the maintenance of internal and external websites, acting as the technical point of contact for content authors within DEQ, and managing the web publishing system. I provided technical support to other staff members on diverse technical topics, such as interface design, standards compliance, accessibility, server configuration, and programming best practices.

The primary technologies I used in this position at DEQ were PHP, Java, SQL Server, and Oracle.

PROJECT HIGHLIGHT

CEDS Re-Engineering: Virginia DEQ, 2013 - 2016

I worked as application architect and development team lead on this major project to rewrite DEQ's central repository of environmental data — a large, critical application used across the agency. Originally built in Oracle Forms, the application was completely rewritten in JavaScript using Backbone and Marionette on top of a .NET Web API / Entity Framework data access layer. The JavaScript application uses metadata provided by the API to build edit forms dynamically, providing rich editing features without any extra programming.

The new application is much easier to maintain and extend, is less expensive to operate, uses more widely-available skills, and runs on more devices. End users find it more intuitive to use and enjoy a richer feature set, including embedded maps, favorites and recently viewed lists, and better integration with outside systems.

I was one of two architects of the new design. I developed much of the core functionality myself, making improvements and adding features as requirements dictated. I also provided training, support, and guidance to other developers on the project.

The CEDS Re-Engineering project was chosen as a winner of the Governor's Technology Award in 2016.