

# JEREMY DUVALL

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## **SKILLS**

Programming Languages: C/C++, C# ~4.5, Java ~1.8, Go, JavaScript, HTML, CSS, Windows Power Shell, Python, Bash, SQL, and regex.

Frameworks & Methodologies: JavaScript MVC frameworks (Angular, Backbone, etc.), REST, HATEOS, micro services, Test Driven Development, Behavior Driven Development, pairing, NodeJs, Apache/Tomcat, Jersey, Spring, .NET MVC, various NoSQL stores, SCRUM & Agile development methodologies, advanced Git

Specializations: Software quality, domain driven design, enterprise architecture and system engineering, API design, highly available and distributed systems, CI/CD pipelines, infrastructure as code, and DevOps.

IaaS, PaaS, & DevOps: AWS cloud architecture (EC2, S3, Redshift, DynamoDB, etc), ELK stack, Travis CI, GoCD, GitHub, Atlassian Stack, PCF, Ansible, Chef, Puppet

## **WORK EXPERIENCE**

### **ImagineX Consulting**

**Jan 2016 – Present**

Practice Director, DevOps & Lean Engineering

- Own and build a practice of engineering professionals that champion a modern, lean software craftsmanship methodology.

### **AIM Consulting**

**Jun 2015 – Jan 2016**

Principal Consultant, Technology Enablement

- Responsible for managing multiple practice areas focused on custom application development, business intelligence systems architecture, data warehouse design, and mobile application development.
- Handled recruiting, hiring, career growth and development, business development and sales opportunities. Crafted RFPs, built estimates, staffing plans, and cost models for each practice.
- Responsible for the delivery excellence of all projects won. Staffed and delivered a total of 4 projects simultaneously in a time span of 4 months—individually contributing to each at a high level.

### **Slalom Consulting**

**Jan 2015 – Jun 2015**

Solution Principal, Enterprise Applications

- Responsible for overall delivery quality of multiple client solutions in an end to end capacity. Worked with clients to ensure that requirements and business value was delivered using multiple software development life cycles. Execution was often simultaneous.
- Oversaw large heterogeneous and mixed teams of Slalom and client developers; pushed for high quality solutions and guided architectural decisions. Developed and executed training regiments for client developers on various subject matter ranging from software quality to basic engineering skills.
- Participated in sales efforts with clients by functioning as a subject matter expert for systems design and enterprise architecture. Produced estimates and staffing models for new projects and worked with clients to meet their resourcing needs but represent the practice's best interests.
- Served as a People Manager (PM) for 4 consultants. Was responsible for guiding and meeting their needs for career growth, compensation, and performance reviews.
- Impacted practice growth through attending and facilitating recruiting events, interviewing candidates, and impacting the internal review process of potential new hires.
- Served as a practice leader and a brand advocate to clients and practice members. Upheld company culture and values.

### **Slalom Consulting**

**Jan 2012 - Jan 2015**

Solution Architect, Enterprise Applications

- Designed and developed high quality, customized, and scalable enterprise software for clients tailored to solve specific business needs. Tasks included software and enterprise architecture design, database design, performance tuning, and implementation. Technologies varied from the MSFT stack to apache/tomcat services.

- Consulted clients on best practices for software design and system architecture. Derived and implemented refactoring plans, mentored junior developers, and taught coding best practices.
- Consulted clients on enterprise wide solutions and best practices tailored to specific business needs. Identified gaps in current system architecture along with solutions and implementation strategies.

**Deloitte, Global Benchmarking Center**

**Oct 2010 - Dec 2011**

Software Developer (Contractor)

- Designed and built a reporting engine and integrated it into a complex business benchmarking system. Tasks included design and development of a database, a web service, an application service, a client object model and a server object model.
- Designed and built a complex PowerPoint add-in utilizing the object model layer of the reporting engine to allow users to design reports in real time from within PowerPoint.
- Interfaced with other parts within the organization to gather, manage, and implement requirements for improvements to the reporting system such as usability and performance.

**Danger, a subsidiary of Microsoft**

**Apr 2008 - Sep 2010**

Software Developer

- Designed, maintained, and implemented large cloud computing solutions providing secure and reliable services to mobile devices.
- Designed and built a cloud component providing billing and provisioning API's to be customized for and accessed by multiple external partners.
- Designed, built, and maintained an extensible plugin based mobile operator simulation platform using WCF for testers to build on. This included a UI and complete documentation.
- Designed and implemented pieces of a web based support tool for mobile operator customer care employee use. The tool provided customer account administration managing interaction with cloud services.

**Danger, Inc**

**May 2007 - Apr 2008**

Software Systems Developer

- Implemented features and customization for the global deployment of Sidekick products to multiple operators: Sidekick Slide, Sidekick LX, Sidekick 2008, and Sidekick LX 2009.
- Contributed to several major device-side features such as preloaded applications, contacts application improvements, and device customization improvements.
- Sustained both handsets and service components via bug fixing and feature implementation.
- Implemented core billing business logic for multiple operator backend integration projects.
- Expanded, improved, and managed the release process for the core billing and billing integration systems of the Sidekick app-store solution.

**EDUCATION**

**Georgia Institute of Technology, Atlanta GA**

**Fall 2013**

Master Degree in Computer Science, Research focused  
Concentration in Software Engineering & Database Design

**Georgia Institute of Technology, Atlanta GA**

**Fall 2007**

Bachelor of Science, Computer Science  
Concentrations in Networking, Software Engineering, and Human-Computer Interaction

**OTHER ACTIVITIES**

**Atlanta Tech Village Advisor**

Spent time at the ATV every Friday advising start up businesses pro bono in areas including but not limited to: programming languages, algorithms, enterprise architecture, technology enablement, business intelligence, systems architecture, and software architecture.

**WOS Course Instructor**

Taught a class in advanced C# concepts to U.S. veterans sponsored by Georgia Institute of Technology and Workforce Opportunity Services.

**Start Atlanta Coordinator**

Managed sponsorship acquisition for a local Atlanta start-up hack-a-thon event.

**AT&T developer summit hackathon finalist**

My team placed 2<sup>nd</sup> in the Mobile Applications category for AT&T's developer summit hack-a-thon in Las Vegas. We were featured on the AT&T M2X cloud website.