Basking Ridge, NJ 07920

Résumé of job@duginov.com

**Dmitry Duginov**

**SENIOR DEVELOPER ~ TECH LEAD**

Seasoned software professional. Expertise in various fields including system analysis, architecture, design, development, testing and maintenance. Good exposure in Financial/Banking, Healthcare, Publishing and Retail industries. Hands-on experience in current software development techniques and methodologies for desktop, server, web, cloud and mobile applications. Expert in database modeling, refactoring and performance optimization. For the majority of the projects I was involved in full application life cycle. Excellent communication skills.

**CURRENT KEY SKILLS / TECHNOLOGIES / PRODUCTS**

* Agile software development (SCRUM) - delivering high-quality, testable code using:
* C#, .NET, Visual Studio, XAML, WPF, HTML5, jQuery, Bootstrap, Angular, JavaScript, CSS
* Azure, REST, WebApi, ASP.NET MVC, WCF, MS SQL Server, T-SQL, Entity Framework
* Git/Bitbucket, Subversion, TFS, Jenkins, BDD, TDD, Unity, MSTest, NUnit, RhinoMocks, Jira, NuGet

**RECENT CAREER SUMMARY**

**Company Location Period**

J.P.Morgan Chase New York, NY 2015 – present

Thomson Reuters New York, NY 2013 to 2015

Siemens Healthcare Diagnostics Flanders, NJ 2008 to 2013

Ferrari/Maserati North America Englewood Cliffs, NJ 2007 to 2008 (consulting)

ING Direct Wilmington, DE 2005 to 2007 (consulting)

Thomas Publishing/Thomcomp Inc. New York, NY 2003 to 2006 (consulting)

**PROFESSIONAL EXPERIENCE**

**J.P.Morgan** (Vice President, Application Development Lead) July 2015 – present

As a part of Securitized Products Group I’ve been working as .NET full-stack developer for “Latitude” – a proprietary system/database for mortgage inventory, trading and securitization. User-facing interface is WPF desktop application, backed by MSSQL database with middle tier powered by WCF, TIBCO. The system serves 200+ users, primarily mortgage traders and middle office. It’s integrated with multiple other company systems/data feeds.

* Facing business users in New initiation Jumbo, Prime, Scratch & Dent, Financing trading desks and Trading Research.
* Doing full cycle development: discussing business requirements, designing, implementing and deploying solutions
* Developing new features, including servicing transfers, loan pricing, data enrichment and validations for mortgages and other loans
* Designed and implemented new modules (C#/TPL self-hosted Windows services) for rapid onboarding of new asset classes. (HELOCs, commercial term lending, auto loans, business banking, mortgage banking). This helped to expand product and start offering its transformation features “as a service” for external groups
* Modifying existing and creating new UI features using C#/XAML
* Modified multiple existing server-side components to make them multithreaded. Parallelized data processing, fully utilizing available capacity and dramatically improving performance
* Supporting existing functionality, modifying T-SQL code in views and stored procedures according to changing business logic; modifying user-facing SSRS reports
* Actively participating in application refactoring, performance optimization
* Led the effort for increasing unit test coverage to company-mandated levels, advised on usage of unit test and mocking libraries
* Responsible for product’s coding standards, code reviews process and adoption of C# code analysis tools like Resharper and StyleCop. Responsible for product’s Continuous Integration: configuring Jenkins with Git/Bitbucket and “AIM” (JPMC proprietary deployment platform)
* Providing technical leadership and mentoring for the team of 4 developers in NYC and Buenos Aires

**Tools/technologies used:** *C#, .NET 4.6, VS2017, XAML, WPF, WebApi, MS SQL Server, T-SQL, SSIS, SSRS, Git, Bitbucket, Subversion, Unity, Castle Windsor, NUnit, Prism/Black Widow, DevExpress, Jenkins, TIBCO EMS, RedGate database tools, NuGet, Jira*

**Thomson Reuters** (Senior Software Engineer) December 2013 – July 2015

Eikon is a set of software products provided by Thomson Reuters for financial professionals to monitor and analyse financial information. It provides access to real time market data, news, fundamental data, analytics, trading and messaging tools.

**I've been working on Eikon infrastructure and several Eikon apps:**

* Developed Eikon Log Viewer, a utility for viewing many Eikon logs in a single window, merged by timestamp
* Added "Remote Logs" feature to Eikon Log Viewer, allowing one-click secure tranfer of user logs to cloud-based storage
* Thomson Reuters support staff then can search for user logs and view them in the Log Viewer
* Created Eikon Performance Logs Viewer (used internally by developers to analyze performance logs)
* Worked on optimizations for Eikon .NET hosting container
* Improved Eikon Desktop SDK - the library of WPF controls for common styling/branding of Eikon apps
* Worked on porting/rebuilding "Interactive Map" (used by commodity traders) to Windows phone/tablet platform
* Coordinated team of offshore developers while working on "Universal Map"

**Tools/technologies used:** *C#, C++, .NET 4.5 VS2013, XAML, WPF, Azure, WebApi, WCF, MS SQL Server, Entity Framework, Git, Subversion, Jira, NuGet, Unity, NUnit, Windows Store/Phone Universal Apps, Prism for WinRT, Angular*

**Siemens Healthcare Diagnostics** (Staff Software Engineer) May 2008 – December 2013

As a part of IT R&D and Software departments I've been developing “*syngo* Lab Manager”, high-throughput (~ 400K transactions per hour) client-server application for data and process management in clinical diagnostics lab.

**Job details/responsibilities:**

* Performing requirement analysis and component design
* Coding/debugging/bugfixing (server-side and UI)
* Optimizing webapp and SQL code performance
* Writing unit, integration tests, executable specs
* Performing design and code reviews
* Leading SCRUM activities
* Mentoring and providing technology training
* Responsible for defining and enforcing coding standards
* Implementing static code analysis
* Teaching testers to use automation and testing frameworks
* Improved our own automated testing framework

**Tools/technologies used:** *C#, .NET 4.0, Visual Studio 2010, NUnit, Specflow, Unity, MSSQL 2008, T-SQL stored procedures, MSMQ, jQuery, WCF, WPF, Visio, SVN, TFS, LLBLGen, Java/JSF/Spring/Hibernate, WatiN*

**Ferrari/Maserati North America** (Lead Developer/Architect)May 2007 – May 2008

Ferrari/Maserati North America (FMNA) is a reseller of Italian sports cars in the USA and Canada.

I’ve been working on the Logistics support system as an Architect, principal developer and project coordinator. This distributed system fully replaces current “e-mail/fax/phone” logistics procedures, integrating vendors’ and FMNA legacy databases (DB2/AS400) with web interface and background data acquisition services. The brand new system allows ocean freight companies, ports, logistics managers and trucking companies to control the automated car distribution process, from the factory in Modena, Italy to the local car dealer.

**Job details/responsibilities:**

* Interviewed primary users (Ferrari and Maserati Logistics departments)
* Prepared functional specification based on high-level business requirements
* Architected the solution based on technical specification
* Prepared project plan and estimations
* Designed user interfaces with dynamic ASP.NET Theme support
* Implemented .NET components (DAL, business layer, ASP.NET pages and controls)
* Designed and implemented new database structures and procedures
* Developed Windows service for background operations (FTP and AS400 data transfers)
* Implemented data exchange between DB2 and MSSQL (linked servers , ODBC/OLEDB)
* Implemented form based security extension for SSRS reporting in Internet application
* Implemented numerous reports for Logistics managers, Carriers, Port managers, Sales etc…
* Integrated all above mentioned components together, performed developer-level testing
* Deployed the solution

**Tools/technologies used:** *ASP.NET 2.0, C#, AJAX, Javascript, Visual Studio 2005, MS SQL Server 2005 with Reporting & Integration services, T-SQL stored procedures, .NETtiers framework, CodeSmith 4.0, Visio, IIS6, SVN, RedGate SQLCompare.*

**ING Direct**  November 2005 to March 2007

ING Direct was a branchless direct bank with operations in the United States and many other countries. It offers services over the internet, phone or by mail, attracting customers through their high-interest savings accounts and no service charges or minimum account balance requirements.

I actively participated in three different projects for this client as an analyst, architect and lead developer: Deposit Processing Operational Reporting, MTP2007 (budgeting tool for the project managers and executives), Mortgage Wire Workflow

**Job details/responsibilities:**

* Translated business requirements into technical specification
* Interviewed other teams to identify and evaluate existing internal services and resources
* Architected the solution
* Made a research for available 3rd party tools and components to use in the projects
* Designed individual components and user interfaces
* Designed and implemented new database structures and procedures, enhanced existing databases
* Designed and implemented custom security providers for Reporting Services and Web forms
* Prepared parts of project plan and estimations
* Developed and debugged Windows service for background data exchange between components
* Implemented .NET components (DAL, business layer, ASP.NET pages and controls)
* Integrated all above mentioned components together, performed developer-level testing
* Prepared deployment documentation, performed test deployment
* Coordinated deployment process, provided technical assistance for the production team

**Tools/technologies used:** *ASP.NET 2.0, C#, Visual Studio 2005, MS SQL Server 2005 with Reporting & Integration services, T-SQL stored procedures, .NETtiers framework, CodeSmith 4.0, Web services, WSE2.0, XML, XSLT, Visio, IIS6, MS Virtual Server R2, SVN, SQLCompare.*

**ThomComp, Inc (Thomas Publishing business unit)** June 2003 to February 2006

Modifications to the existing applications and new modules for their global CRM system. Architected and developed components for vendors data exchange, company websites and main data warehouse. Developed Web UI for data audit application. Designed and developed customizable modules that integrate and replicate information between two high volume production databases *(using ASP.NET and .NET framework 1.1 & 2.0, C#, Visual Studio 2003 & 2005, ADO.NET, ODP.NET, Visual Foxpro 7.0, PL/SQL stored procedures, packages and triggers, PL/SQL Developer, Toad, QNXO, ERwin, IIS5, VSS)*

**ADDITIONAL INFORMATION**

🟏 **Master’s degree** in Electronic Engineering
(Moscow State University of Radio engineering, Electronics and Automation)