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| Misha Bergal | 1317 Dolen Place, Iowa City, IA 52246 [misha.bergal@gmail.com](mailto:misha.bergal@gmail.com) 319-936-8228 [github.com/mbergal](mailto:mbergal) |

Objective

Significantly contribute to building of a product or experience, by participating in such aspects of development as user experience design, programming and testing.

**I value working with smart, passionate and caring team more than compensation levels.**

Skills

Programming Languages

**C#, SQL, JavaScript, HTML, CSS + LessCSS, XML+XSLT, PowerShell 2.0.**

Concepts

**OOP, SOLID, RDBMS, ORM, TDD, BDD.**

Frameworks and Technologies

.NET

**Castle, NHibernate, ADO.NET, ASP.NET MVC and WebForms, Silverlight, WCF, LINQ, TPL, NUnit.**

Web

**HTML, JavaScript, jQuery, CSS + LessCSS, Knockout.js, Jasmine.**

RDBMS

**SQL Server 2005/2008, T-SQL, SQL Server Reporting Services.**

Version Control Systems

**Mercurial, Perforce, Git, SourceSafe :(.**

Tools

**Visual Studio 2008/2010, Resharper, Reflector, CruiseControl.NET, TeamCity, YouTrack.**

Employment

**1995 - present  
Software Engineer**, MetaCommunications Inc., Iowa City, IA

Designed and implemented common and client specific features for [Virtual Ticket](http://www.metacommunications.com/products/virtual_ticket) - company's main product.

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| Product Design  Communicated with customers and designed product or client-specific features based on customer requirements.  Implementation  Wrote front-ends and back-ends in JavaScript, using proprietary and well-known components (thousands LOC of JavaScript). Used Jasmine to test complex or important client-side and server-side components. |

Led design and development of company's web product line, in particular [Approval Manager](http://www.metacommunications.com/products/approval_manager) - a web based proofing tool

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| Product Design  Defined product roadmaps, product features, did UX design including wireframe prototypes and full UI and functional specs, managed multi-product releases.  Management  Led teams of 3-5 people. Made sure that they fulfill company expectation and company fulfills theirs. Provided technical and non-technical leadership, gave seminars, trainings, led code reviews.  Implementation  All aspects of implementation - designed layered API's, database schemas, implemented features (front-end and back-end) using TDD/BDD, wrote reports and database upgrade scripts. Implemented necessary read path SQL queries, write path SQL batch operations and optimized them (or database schema) for better performance.  Front-Ends  Developed Ajax and plain front-ends using such JavaScript libraries as jQuery, Knockout.js and underscore.js, testing critical or complicated user interactions using Jasmine. Developed HTML and CSS based on UI specs. Created reusable controls (WebForms) or helpers (MVC/Razor) for common view functionality. Developed SQL Server Reporting Services reports.  Back-Ends:  Designed complex database schemas, wrote domain models, services, repositories (before LINQ days) using C#, .NET 3.5+, TDD/BDD (NUnit). Hand-wrote SQL (queries, views, stored procedures) for performance critical pieces. Implemented web services using WCF.  Occasionally utilized UML and ER diagrams to communicate ideas to team members and other project stakeholders.  Infrastructure  Wrote or set up major infrastructure pieces - build system (MSBuild, psake, custom build system), CI servers (CCNet,TeamCity).  Testing  Performed manual, semi-manual & automated testing as was needed. |

Open-Source Work

My only widely used public project is a part of Boost testing framework responsible for running, collecting and displaying release and trunk test results for Boost - a set of free peer-reviewed portable C++ source libraries (<http://www.boost.org/development/tests/release/developer/summary.html>).

Education

B.S. in Computer Science, Saint Petersburg Technical University.

References

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