

Matei Dorobantu

mateid@aedigital.com | 📞 403-796-9931 | 🌐 *mateid* | *matei.dorobantu.me*

I am a highly skilled and well rounded developer with a proven delivery track record. Having helped businesses in many different domains accomplish their goals and objectives for more than a decade, I have the skills and experience to help your project succeed.

Work experience

December 2016 – present

Independent Software Consultant

Avantgarde Digital, Calgary, AB

Project: Time tracking for freelancers and other professionals

- Build and design Angular based web application leveraging mobile first responsive design using Angular-Material for a consistent look and feel and UI performance across a range of devices
- Implemented using a component based architecture/routing to components for a simple, maintainable codebase

◆ *AngularJs, Angular material, MEANJS, MongoDB, Heroku*

February 2016 – April 2016

Independent Software Consultant

Northweather Corporation, Calgary, AB

Project: Social platform for invite-only community

- Contributed to the architecture and development of a community platform for social networking and product development crowdsourcing with a Calgary startup
- Used MEAN.JS/Heroku/Amazon to build features like file uploading, image and video sharing, likes, shares, comments and social centric features

◆ *AngularJs, Node, MEANJS, Bootstrap, Amazon AWS, Heroku, MongoDB, Full-Stack*

June 2013 – December 2016

Independent Software Consultant

TransCanada, Calgary, AB

Project: GeoFind (GIS)

- Redesigned the build and release workflow for repeatable deployments to our various environments using Powershell, Psake and TeamCity
 - Designed and build satellite applications using KnockoutJs, JavaScript and charting libraries like HighCharts to support and enrich functionality in the main product
 - Ported GeoFind functionality and custom modules from Silverlight to TypeScript
 - Designed and developed small utility for IIS log analysis so the business can asses usage trends and prioritize new development work accordingly
- ◆ *TeamCity, Powershell, Pester, Psake, KnockoutJs, JavaScript, Jasmine, TypeScript, Bootstrap, devops*

Project: AGA

- Extended existing application suite (AGA) to handle nomination requests for the Alberta/BC pipeline and integrate with existing applications
 - Updated existing reports and developed new ones using SSRS
 - Developed functional tests for the new features using in house Excel driven Fit extension
 - Ensured consistency with existing coding standards and application conventions
- ◆ *ASP.Net, jQuery, SQL Server, Fit, Web Services, SSRS, Agile, MSBuild, CC.Net, NUnit, Git*

Project: ERM

- Successfully migrated legacy middleware application from Forte/Sybase 12.0 to C# after two failed attempts with other development teams
 - Contributed key architectural aspects to enable painless horizontal scaling for the application
 - Profiled application performance and ensure non-functional requirements are met (scalability, performance)
- ◆ *C#, MVC4, JQuery, Quartz.Net, Sybase 12.0, Agile, NUnit, TDD*

February 2011 – June 2013

Independent Software Consultant

Cenovus Energy, Calgary, AB

Project: Windows 7 migration

- Migrated enterprise financial reporting tool from Visual Basic 6 to C#/Windows Forms
- Estimated the scope of work and recommended approaches for migrating other older/incompatible applications to the new enterprise operating system
 - ◆ *Visual Studio, C#, Windows Forms, Application blocks, Infragistics, TeamCity*

Project: PARS

- Designed and developed a heavy oil production accounting and royalties management application (PARS)
- Introduced the team to Automapper to speed the development of view models for the various application views
- Designed and implemented a set of operation interceptors to allow the application back-end to collect various statistics on system performance and user activity
 - ◆ *C#, Windows forms, Oracle, NHibernate, WCF, Infragistics, Automapper, NUnit, TeamCity*

June 2009 – February 2011

Senior Consultant

Thoughtworks Inc., Calgary, AB

Client: Canadian telecom

- Designed and build high traffic, high availability web 2.0 site for landing page
- Developed social media enabled “widgets” for the pluggable site architecture, integrating with social media platforms Twitter, Facebook and Youtube
- Developed product catalog web application for managing product offerings and service bundles
 - ◆ *C#, ASP.Net MVC2, MongoDB, jQuery, JavaScript, Jasmine, NUnit, SOA, REST, Agile*

Client: American multinational conglomerate

- Developed binary imaging software for uploading operating parameters to embedded devices used for configuring and controlling power grid substation automation components
 - Leveraged an agile, highly iterative environment with a collocated team of developers, business analysts and quality assurance specialists
- ◆ *C#, Windows Forms, Embedded Systems, NUnit, TeamCity, Agile*

September 2007 – June 2009

Senior Software Engineer

Symantec Inc, Calgary, AB

- Designed, developed and maintained backend components for cloud based “Online Backup” application
- Developed integration points with the various enterprise subsystems like the contract processing and order services
- Developed a fluent validation library used for validating messages exchanged with other enterprise systems

◆ *Windows services, Web service, ASP.Net, AJAX, MSMQ, TIBCO*

May 2006 – September 2007

Web developer

IRM Systems, Calgary, AB

- Migrated a large desktop based CRM system targeting associations and membership based organizations from FoxPro to a web 2.0 application
- Build foundation for continuous integration process using CC.Net, nAnt, NUnit
- Introduced team members to unit testing and automated functional testing and attempted implementing an automated build system

◆ *C#, SQL Server, ASP.Net, AJAX, CI, nAnt, WATIN, NUnit, FoxPro, Infragistics*

2004 – 2005

.Net developer

Bell Business Solutions Montréal, QC

- Develop web applications and intranets for various clients in verticals such as education, travel management and online retail
- Developed an courseware management application for local university, including reports on usage, enrollment statistics, etc.
- Designed and developed and API on top of Galileo Travel Management web services to ease development of a travel management application

◆ *SQL Server, C#, ASP.Net, Crystal Reports*

2001 – 2004

Web developer

Pensera Inc., Montréal, QC

- Developed web applications and intranets targeted at law office use powered by ASP, VB Script and SQL Server
- Developed integration endpoints for mobile devices like BlackBerry and Good Technology

◆ *SQL Server, ASP, AJAX, CSS, HttpRequest*

Education

2000–2001, *Concordia University, Montréal, QC*

- First year in Computer Engineering

1998–2000, *Marianopolis College, Montréal, QC*

- DEC in Pure and Applied

Other

2006 – 2008

Volunteer web master

Calgary .Net User Group Calgary, AB

- Maintain the user group's web sites
- Keep the content up to date, post meeting notices, send the newsletters and other community oriented tasks

2002 – Present

Founder

Avantgarde Digital Inc.

- Designed and developed a classifieds web site for rental properties hosted in AWS – www.rentzone.ca
- Designed DIGIVUE, a photo management application for Pocket PC nominated in 2004 and 2005 for Best Software Awards by Pocket PC Magazine
 - ◆ *MVC2, RavenDB, MongoDB, JavaScript, jQuery, Google maps/search API, AWS, Cloud computing*