Andrei Bazhgin

15+ Years Experienced Software Developer

I am a software developer specializing in React, Angular, Redux, and .NET Web development. I am looking for part-time or full-time software development work. Check out my website at https://andreizilla.github.io for more. My email is: abazhgin1@gmail.com

Experience

Company, Web Developer, Minneapolis, MN, August 2020 - Present: Working on improving an existing web application by creating several important website components in React.js, adding new feature to web application. Working on adding new features and improving existing websites. Wrote unit tests for all React components and .NET code which I wrote, using Jest and NUnit, with nearly %100 code coverage. Optimized CSS/JS files for first launch/release of web application. Advised on what web UI technologies to use for future projects. Technologies used: C#, ASP.NET MVC, NHibernate, TypeScript, React.js, Node.JS/NPM, Jest, NUnit, code coverage reports

Poliac Research Corporation, Embedded Software Engineer, Burnsville, MN, June 2018 - July 2019: Wrote firmware software for hardware devices, and wrote computer software as defined in software and hardware specification documents. Used a tool to program microchips. Fixed software code bugs. Made improvements and upgrades to existing software code. Wrote documentation for written software. Provided technical support through email. Used an issue tracking system. Learned new technologies and tools. Technologies used: C#, .NET, JavaScript, Embedded C, Microchip Symphony framework, Microchip IDE

joybol, Web Designer, Chicago, IL (Remote), 2018 - 2018: Converted mockups of a website design document and assets into HTML/CSS: Technologies used: inuit.css, HTML

NorthstarMLS, Software Engineer, St Paul, MN, September 2016 - August 2017: Designed and developed a survey and a preferences web application. Designed and developed two petition websites. Upgraded an existing web application. Improved an existing website monitoring application. Technologies used: C#, ASP.NET, MS SQL Server, JavaScript, HTML, CSS, Java, Batch

Cachet Financial Solutions, Inc., Software Engineer, Chanhassen, MN, January 2014 - September 2014: • Improved user password codebase and made it more interface oriented by rewriting the user password mechanisms. • Improved the reports exporting and table data exporting code and made it more interface oriented by rewriting the CSV exporting system. • Verified the correct implementation of technical specifications of changes requested by clients by conducting usability testing on web apps and iPhone apps. • Improved/cleaned up the existing unit testing code by doing code refactoring. • Helped expand the software feature set by implementing new features from technical specs. • Supported the software release cycle by implementing changes and database migrations needed for new deployments. • Improved a web app and made it faster loading by implementing a replacement of static content with dynamic Ajax-requested content. • Worked in a very Test-driven development environment: All code writen had to have tests created for it beforehand • Participated in the Scrum methodology of development by attending daily scrum morning meetings with the rest of the development team. Technologies used: Test Driven Development, Nunit, Ncrunch, ReSharper, RedMine, Fluent Migrator, C# .NET, jQuery

Marketvision, Inc., Web Developer, Eden Prairie, MN, June 2013 - August 2013: • Developed two single-page applications to view reports and database data. Helped develop the company's new version of their platform. Developed with AngularJS JavaScript framework, WCF services, MVC • Transformed the company's service layer written in C# to work with the ServiceStack open source Web Services framework. Helped update the company's software. • Replaced all GridView controls on a large data-displaying page to use jQuery jqGrid. Used .Net MVC for creating services to load data into jqGrid. Helped update the company's web-app. Technologies used: jQuery, jqGrid, Microsoft TFS, MVC, Visual Studio 2012

InSitu Technologies, Inc., Software Engineer and IT Assistant, St. Paul, MN, March 2013 - March 2014: • Developed a web app that interfaces with the company's QuickBooks database. The web-app generates these reports: Inventory Stock Status, Open Sales Order by Rep, Device History Record, Distributor Device Tracking Form, and Incoming Inspection Checklist. The reports are created as MS Excel documents. The app saves Sales, Purchase, and Invoice data from QuickBooks to Microsoft Access database. Greatly improved company employee productivity and efficiency. • Developed with Visual Studio 2012 C# ASP.NET 4.0, LINQ, Microsoft Access, Microsoft Excel, Intuit QuickBooks SDK • Helped with day-to-day computer tasks such as installing/running malware scanning software on employee computers, assisting employees with setting up their software such as Outlook and Skype. Fixed a computer used for printing. Provided system administration support for the company's MS domain-based network. • Fixed computers and USB sticks compromised with malware by using anti-malware software.

Wells Fargo, Web Developer, Minneapolis, MN, December 2012 - January 2013: Developed a ribbon-style menu bar for an internal web application using Adobe Fireworks CS5. Created an internal web app to show mortgage loan information • Developed with Adobe Fireworks CS5, Microsoft Visual Studio 2010, Microsoft Business Intelligence Studio. CSS for Responsive Design supporting multiple browsers, Interactive Design • Developed a web application that displayed mortgage loan information from a variety of sources on an SQL database Technologies used: C# .NET, LINQ, Visual Studio 2010, MS SSRS ETL

Amano McGann, Inc., Software Engineer, Minneapolis, MN, January 2011 - January 2012: Re-wrote old VB code to a more modern language and newer technologies. Work included re-designing and re-writing several modules from Visual Basic to C# .NET. • Developed several data-entry and data-editing application using Microsoft Silverlight. The back end was designed by me to use MS SQL server and full-duplex communication. • Developed proof-of-concept apps to research various possibilities of porting the company's old software to a new platform. • Implemented various bug fixes, handled trouble tickets, and did research & development. Technologies used: C#, VB, .NET, Silverlight, MS SQL Server

CATS Software, Inc., Software Engineer, Minneapolis, MN, May 2009 - July 2010: Created several Add-Ins for Microsoft Word and Outlook, Internet Explorer, Mozilla Firefox, and Mozilla Thunderbird email client. These add-ins allowed users to import candidate information from an applicaiton into their CATS account. Technologies used: C#, Delphi, Add-in-Express for .NET and Delphi

KeyHubs, Inc., Software Engineer, Minneapolis, MN, April 2008 - May 2009: I was responsible for the design, development, and deployment of all main software features and updates. Keyhubs is a leader in the field of organizational network analysis and consulting. Technologies used: C#, ASP.NET WebForms, Python, HTML, CSS

G2Planet, Inc., Software Engineer, Minnetonka, MN, August 2006 - December 2006: Created an inbox-type messaging system into their web application. Technologies used: PHP, PostgreSQL, HTML, CSS

Virtual Radiologic, Corp., Software Engineer, Minnetonka, MN, June 2004 - April 2008: Upgraded SQL code-base many times, fixed bugs and handled hundreds of trouble tickets. Worked on improving software code for a Radiologic Imaging System. Developed a Windows-based driver and settings application for a HID device. Developed a web application. Technologies used: C#, C++, .NET, PHP, Ruby, MS SQL Server, CORBA, wxWidgets

Skills

- C#, .NET 4.6, .NET Core, Javascript, Node.js, NPM, React.js, C/C++, PHP, Python, Java, SQL
- HTML5, CSS3, Bootstrap
- React.js, Preact.js, Angular.js
- Azure Cloud, Azure DevOps, GitHub, AWS DevOps, Kubernetes DevOps
- Docker, Linux systems/server
- Code coverage testing for C#, Javascript
- Embedded development on Microchip/Silicon Labs chips, BLE/UART/SPI communication
- Trained in Test Driven Development, SOLID programming, Agile, Scrum