

# ANDREI BAZHGIN

Software Developer specializing in Front-End and Back-End Web, Desktop and Embedded development

A skilled, passionate and highly-experienced software developer with over 15 years of professional work experience in the software industry, 3 years academic experience, and experience in the open-source community. I am seeking part-time or contract work in the software and web development industry.

## Experience

**Web Developer**, 08/2020–Present: Worked on fixing and adding new features to a web application. Created component in React.js, added back-end server endpoint code for Ajax calls, improved a UI component, enhanced and added new UI features, optimized CSS/JS files. *Technologies used*: C#, ASP.NET MVC, NHibernate, JavaScript, Node.js, React.js, Docker

**Various roles**, 7/2019–6/2020: Worked at temp agency and restaurant. Created several open-source React.js components and contributed to various open-source projects by testing software, finding bugs, and community support. *Technologies used*: PHP, Java, JavaScript, React.js, Docker

**Poliac Research, Corp.**, Embedded Software Engineer, Burnsville, MN, 6/2018–7/2019: 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

**NorthstarMLS, LLC**, Software Engineer, St. Paul, MN, 9/2016–8/2017: 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, .NET Core, MS SQL Server, Batch scripts, JavaScript, HTML, CSS, Java

**DealTrend, LLC**, Contracted Software Engineer, Chicago, IL, 4/2016–6/2016: Created data structures and code for the company's product. Completed learning assignments which involved Skype group screen-shared conference calls every 15 to 30 minutes for 8 hours for several days in a row when working from home. *Technologies used*: PHP, PHPUnit, RegExr.com, Containers

**Working Machines, Inc.**, Embedded Software Engineer, Richmond, CA, 7/2015–1/2016: Implemented SSH security enhancements into software and hardware hand-held barcode scanning devices. Wrote documentation. Traveled to a different state for one week to provide technical support. *Technologies used*: C#, MS SQL Server, MS Windows Server 2012

**Cachet Financial Services, Inc.**, Software Engineer, Chanhassen, MN, 1/2014–9/2014: Upgraded and improved software code. Read technical specifications. Improved testing code. Implemented new features defined in technical specs. Learned new development techniques. Participated in Agile/Scrum meetings, participated in code reviews. *Technologies used*: Test Driven Development, Nunit, Ncrunch, ReSharper, RedMine, Fluent Migrator, IoC, C# .NET, jQuery, SOLID programming, MS SQL Server, MS Windows Server, Telerik Kendo, Agile

**Wells Fargo Home Mortgage**, Contracted Web Developer, Minneapolis, MN, 12/2012–2/2013: Created a user interface for a web application. Worked on a data migration project. Created an internal web application. *Technologies used*: C# .NET, Linq2SQL, Entity Framework, Visual Studio 2010, Adobe Fireworks CS5, HTML, JavaScript, Microsoft SSIS Studio

**Virtual Radiologic Corp.**, Associate Software Engineer, Minnetonka, MN, 4/2004–6/2008: Worked on an engineering team responsible for developing 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, Windows Server, Agile, CORBA, Ruby

## Education

**Normandale Community College**, Bloomington, MN: 6/2007–12/2011, Associates of Liberal Arts. Coursework includes: Geography, English, Math, Philosophy, History, Psychology, Graphics Design.

## Personal Info

### Email

abazhgin1@gmail.com

### WWW

<https://nan.sourceforge.io/ab/>

### LinkedIn

<https://www.linkedin.com/in/bazhgin>

## Skills

- C#, .NET 4.0, .NET Core, Javascript, NodeJS, NPM, C/C++, PHP, Java, SQL
- HTML5, CSS3, Bootstrap 4
- React.js, Angular.js, Vue.js, GraphQL, jQuery
- Azure Cloud, Azure, DevOps, GitHub, AWS
- 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