Nathan Allen

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Senior Software Developer

**Senior software developer valued for driving quality and consistency** throughout all phases of the software development lifecycle. Partners with developers, analysts, QA, and stakeholders throughout the product lifecycle to produce high-quality, user-friendly, and maintainable software.

*Technical proficiencies:*

C#, VB.NET, .NET Core, ASP.NET MVC, Web API, REST, Azure, Java, JavaScript, ES6, Angular, AngularJS, Vue.js, Mithril.js, Node.js, Bootstrap, HTML5, Web Design, Database Design, SQL, T-SQL, SQL Server, Visual Studio, Eclipse

Education

**Bachelor of Business Administration (BBA) – concentration in Management Information Systems** ⧫ University of New Mexico, Albuquerque, New Mexico

**Associate of Arts (A.A) Pre-Management with honors** ⧫ Central New Mexico Community College, Albuquerque, New Mexico

**Associate of Science (A.S) Computing Technology with honors** ⧫ Central New Mexico Community College, Albuquerque, New Mexico

Professional Experience

##### **Senior Software Developer, 9/2016 to Present ⧫ AECOM – Albuquerque, New Mexico**

##### **Core Technologies Utilized:** C#, .NET Core, ASP.NET MVC, xUnit, JavaScript, Angular, AngularJS, Vue.js, Mithril.js, Bootstrap, Node.js, Mongo, Express, SQL Server, Database Design, Oracle

* Contributor of upgrade and eventual maintenance of a Bureau of Land Management website. The website was upgraded from a MEAN stack (Mongo, Express, AngularJS, Node.js) to a .NET Core Web API project using Angular 6 and SQL Server. Created a .NET Utility to transfer data from a Mongo Database to a new schema that I designed in SQL Server.
* Lead developer on a disaster relief project utilizing ASP.NET MVC, Razor, Bootstrap, SQL Server, and SSRS.
* Worked closely with internal stakeholders and customers to ensure projects stayed on budget and were delivered on schedule.
* Assisted in writing technical specifications and descriptions for various proposals.
* Key contributor assisting other teams across AECOM on a variety of software development projects.

##### **Software Developer, 2/2015 to 9/2016 ⧫ Unisys (Contractor at the Air Force Research Laboratory – Kirtland Air Force Base Albuquerque, New Mexico**

##### **Core Technologies Utilized:** VB.NET, ASP.NET 4.x, JavaScript, JQuery, SharePoint, WCF, HTML5, NUnit, SQL Server, T-SQL, SQL, Database Design

* Updated intranet sites to current standards, which included HTML5, jQuery, and ASP.NET 4.x.
* Added functionality to generically build and send template emails in an existing utility library project.
* Created proof of concept WCF interfaces between SharePoint and Intranet websites.
* Created unit tests in NUnit for utility library code.
* Created design and analysis documentation for upcoming projects.
* Created test and release plans for projects.

##### **Software Engineer, 3/2011 to 2/2015 ⧫ Ultramain Systems, Inc.**

##### **Core Technologies Utilized:** Java, EJB, J2EE, Oracle, Java Swing, JMS, JBoss

* Developed Maintenance and Engineering software utilizing J2EE, EJB, Java Swing, JBoss, and Oracle
* Provided on-site support for Cathay Pacific Airlines and Virgin Galactic with new software implementations.
* Created a JMS interface for financial data between Ultramain software and a COTS product for Virgin Galactic.
* Helped design and implement a proof of concept SVG manipulation framework utilizing Apache Batik Java SVG Toolkit that was used to track aircraft maintenance patterns.
* Created proof of concept software and user interface mock ups for new product functionality.
* Assisted as a product knowledge expert to give software demonstrations to potential customers.

##### **Software Developer, 2/2008 to 3/2011 ⧫ SolutionWerx.**

##### **Core Technologies Utilized: ASP.NET, VB.NET, C#, JQuery, JavaScript, AJAX, SOAP, SQL Server, T-SQL, Database Design**

* Developed custom modules using AJAX, jQuery, and CSS for a web based work process automation software.
* Developed a new in-house time tracking system that integrated with Quick Books.
* Maintained legacy patent application and process management software written in ASP.NET version 1.x.
* Participated in daily Scrum meetings with other teammates.

Community Involvement

* Volunteer judge for the Technology Student Association (<https://tsaweb.org/>) state competition – I was a volunteer judge for two years, and judged and advised students on coding, web design, and video game design/coding competitions.