

Nael Alismail

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Qualification Highlights

Over a decade of experience developing software
Relocated to Atlanta to expand development department
Led 5 teams and developed 9 products
Mentored over a dozen developers
Interviewed over 100 developers and QAs
Current development with C#, ASP.NET, Node.js and React
Skilled at developing maintainable, scalable and performant architecture
Track record for introducing new technologies
Instrumental in championing and adapting development processes
Held over 20 presentations on technologies and best practices

Experience

Senior Application Architect

SOLTECH

January 2016 - Present

Built a tech stack using **Node.js**, **React**, **TypeScript**, **Webpack** and **gulp**
Built a tech stack using **Angular 1.5**, **ASP.NET OWIN** and **Entity Framework**
Applied authentication using both **SAML** and **JSON** web tokens
Developed a process to improve team efficiency through story and code reviews
Primary point of contact for 3 clients
Solutions Architect creating wireframes, user stories, and technical documentation
Formed and trained a team of 6 people

Manager of Atlanta Development & Application Architect

AppRiver

July 2008 - January 2016

Atlanta Expansion

Relocated to Atlanta to development department branch
Built teams to grow development department by 20%
Trained and managed the remote teams
Built a bond between Atlanta branch and headquarters through cultural development and strong communication

Departmental Leadership

Allocated resources across teams to meet the needs of the business
Conducted performance reviews and salary discussions with engineers
Championed the implementation of Scrum
Created standard developer reviews that reflected the engineer's contribution as well as encouraged growth
Created policies for public communication guidelines for use in blog posts and speaking at conferences
Presented topics ranging from software development principles and best practices to technical topics

Team Leadership

Directed, designed and developed the release of multiple projects
Improved teams' speed and quality by using retrospectives to identify areas of improvement
Fostered engineer career advancement through mentoring sessions
Actively participated in design, development and sprints
Championed automated testing using technologies including **Jasmine**, **SpecFlow** and **NCrunch**
Championed new technologies including **WebAPI** and **Reactive Extensions (Rx and RxJS)**

Web Application Development

Built a CRM application using **LINQ**, **SQL** and **ASP.NET Web Forms** for use by sales, support and billing staff
Developed partner management tools using **ASP.NET Web Forms**, **Angular**, **WCF** and **Event Sourcing** technologies
Built features in an updated CRM application using **Angular**, **SignalR**, **WCF** and a service bus technology
Created service management tools for use by customers
Worked closely with product management and stakeholders to define features and timelines

API Development

Designed, built and maintained service management APIs with technologies including **WebAPI**, **WCF** and **SOAP**
Developed system and integration tests using **NUnit** and **SpecFlow**
Developed unit tests using **NUnit** and **Moq**
Used **dependency injection** to decouple architecture and ease unit testing
Accessed data from **SQL Server** and **MongoDB**
Stored data for Hosted Exchange using Active Directory

Founder

Digital Audio Workstation

Built a digital audio workstation using the latest web technologies
Built the client side using **ReactJs**, **FlexBox**, **Web Audio API**, and **RxJS**
Developed the backend API using **Node.js** and **Express**
Created an npm package called **Helm Control** for build automation
Wrote client side and server side testing using **Mocha**, **JSDom**, and **SimpleMock**
Hosted on **DigitalOcean** on a Linux instance with using **PM2** to manage the process

bopmob.com
9/2014 - Present

Application Developer

Cobranding Application

Built a cobranding solution for insurance and securities disclaimers
Conducted interviews with stakeholders to gather requirements and understand the domain
Created an HTTP module to redirect users based on the users' state
Developed a single sign on solution
Unified data across multiple data sources using **ASP.NET Web Services**

NFP
7/2006 - 6/2008

Programmer Analyst

Benefits Application

Maintained and enhanced benefits web application written in ASP.NET Web Forms
Converted a web application from .NET 1.1 to .NET 2.0
Developed customer service representative application

Sungard
6/2004 - 6/2006

Education

Master of Science in Software Engineering	University of West Florida	2014
Certified ScrumMaster	Scrum Alliance	2014
Leadership Training	AppRiver Sherpa Executive Coaching Program	2013
BS in Management Information Systems	University of Alabama at Birmingham	2004