

# 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

September 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

July 2006 - June 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

June 2004 - June 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