Rohit Patnaik

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Professional Experience

Software Development Engineer 2 at **Microsoft - VSTS OneCS**...........................May 2015 to present

- Developed extensibility API for Visual Studio Online compliance management tols
- Used TypeScript and React to develop reusable UI components for Visual Studio Online compliance management
- Developed data persistence layer using Azure DocumentDB NoSQL data store

Software Development Engineer 2 at **Microsoft - VSTS Service Intelligence** ...... April 2014 to May 2015
Redmond, WA

- Simplified and reorganized Operational Intelligence dashboards using D3 for charts
- Added support for multiple data-centers and scale-units to Operational Intelligence dashboards
- Set up Visual Studio Release Management to reduce operational workload and enable "self-serve" deployments
- Wrote map/reduce jobs using the COSMOS framework to compute site-wide historical metrics for Visual Studio Online
- Gained experience with Microsoft SQL Server 2012/2014 data warehouse and analysis tools
- Gained experience with C#, ASP.Net MVC, Javascript and Typescript

Software Development Engineer at **Amazon.com** .... August 2012 to January 2014
Seattle, WA

- Identified slow pages or components and implemented performance optimizations
- Updated compiler to GCC 4.7, resulting in site-wide performance improvements
- Wrote build system to enable profile-guided optimization
- Gained experience with Mason templates, Perl programming and C++
- Delivered code using the Scrum software development methodology

Senior Software Developer at **Intradyn Inc.** .... May 2011 to August 2012
Eagan, MN

- Built distributed search infrastructure using Erlang, Clojure and Python on Linux
- Rebuilt search page with jQuery UI plugins
- Used Apache Lucene to perform full-text searching and indexing
- Set up deployment and release management procedures using custom Python scripts and Puppet
- Took responsibility for managing software releases and deployment of updates

Associate Software Engineer at **Syncada LLC** .... June 2010 to May 2011
Minneapolis, MN

- Developed ASP.Net AJAX application to manage resource files for internationalization
- Rewrote internationalization code to have greater performance and flexibility
- Helped redesign application to be WCAG compliant
- Gained experience with C#, ASP.Net and Javascript

Education

B.Sc. in Computer Science .... University of Minnesota (Twin Cities) 2009