**DAMANPREET SINGH** 

(616) 666 0559 / singhdam@msu.edu / 24320 Cavendish Ave., Novi, MI 48375

**EDUCATION**

**Michigan State University**; East Lansing, MI

Bachelor of Science, Mathematics May 2016

* Minors in Computer Science

**EXPERIENCE**

**Michigan State University;** East Lansing, MI

Web Developer/ Database Administrator

October 2014 - Present

* Maintained and developed mediawiki platform website using technologies like HTML5, CSS3, Javascript.
* Developed a dynamic, secure Lab group Web site from scratch using HTML5, BootStap, CSS3, AngularJS and PHP.
* Created stand alone online application forms for Quantitative Microbial Risk Assessment(QMRA) program using AngularJS and KnockoutJS.
* Managed and developed database for QMRA mediawiki website using PHP, MySQL and AngularJS..
* Integrated responsive/real time front end user interface using BootStrap, DOJO, AngularJS and jQuery.
* Created databases using MS SQL Server 2000
* Performed both Oracle and SQL Server database administrative activities
* Experience in working on different scenarios of cases for clients for example requests to do refreshes, tuning, cloning databases from various clients.
* Routine maintenance of all SQL server databases for optimal performance and error reduction.
* Performed various DBA activities including but not limited to Creating Users, Resetting Passwords, Adding datafiles, Shrinking Tables, Rebuilding Tables / Indexes, Exporting / Importing database objects

**Daljit Jhajj(NAB Developer/DBA) ;**Novi, MI

Assistant Developer May 2011 - July 2015

* Mobile /Android Developer who designed and developed applications for Android mobile devices with extensive user interface development.
* Designed the front end application using Rails 4.0, HTML, CSS, Java Script, AJAX and Jquery.
* Used RSpec and Cucumber to create test driven development (TDD) .
* Experience with all of the RVM, Bundler, GEMS and libraries for this version of the ruby/rails.
* Involved in developing and implementation of the Back end web application using Ruby on Rails.
* Worked with Core Java, Servlets , JSP, JavaScript, JMS, JDBC, JNDI.
* Experience in working with SQLite Database, Google Maps API, GPS Location Data and Push Notifications.
* Created an Android app to enable messaging between devices using Google Cloud Messaging and Google App Engine.
* Know-how of Web Services, MVC, Struts, EJB, Java Mail, XML, XSLT, JUnit, HTML, Tag Libraries, Custom Tags, and Design Patterns.
* Experience in Android UI toolkit, Android SDK tools and Layout Manager.

**Mobil Gas Station;** White Lake, MI

Assistant Manager

September, 2011- March, 2012

* Furthered business knowledge by keeping records of daily sales and brainstorming new ideas within the management team to improve sales.
* Advanced organizational skills while keeping track of material inventory.
* Improved safety environment by consulting staff on a weekly basis at a minimum and investigating the concerns.
* Enhanced leadership abilities by training and supervising staff of 5 people, as well as managing staff hours.

**TECHNICAL HIGHLIGHTS**

Languages: C++, Python, HTML5, CSS3, JavaScript, Ruby, SQL, PL/SQL, UNIX/NT Shell Scripting

Frameworks: Angular.js, ReactJS, Backbone.js, DOJO, Bootstrap, KnockoutJS, jQuery, Rails.

Workflow & Delivery: Responsive Web Design, Mobile Development, Single Page App,

Database: Microsoft SQL Server 2000, 2003, 2005, 2008, Knowledge and experience with Business Intelligence tools in SQL SERVER 2005, Apache Tomcat, Web Sphere, Web Logic.

Web Services: RESTful, SOAP.

Developer Tools: Eclipse, IntelliJ Idea, Jira, Sublime, YUI, Notepad++, SVN, CVS, GIT, Stash, Toad, XML Spy.

Operating systems: Windows, Windows Server, Linux and MAC, Windows Server 2012R2 /2008