Rohit Verma
Computer Engineering 2B

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SKILLS SUMMARY

- Software development experience gained via Startup Weekends, app development competitions and hackathons
- Web development skills enhanced through implementing features and fixing bugs at FlashStock Inc. and Mercatus Technologies Inc.
- Familiar with a wide variety of technology stacks including MEAN, LAMP, Ruby on Rails.
- Leadership and project management skills gained through working on Lani Inc

TECHNICAL SKILLS

- Languages: C#, Java, C++, PHP, JavaScript, Ruby
- Frameworks/Libraries: Angularjs, Node.js, Backbone.js (MV*), jQuery, Jasmine, Underscore.js, Utopia (microMVC PHP), Parse SDK and API, Facebook SDK and API, PHPUnit, Ruby on Rails, Faye, Sidekiq

WORK EXPERIENCE

Web Developer   August 2013 – December 2013
FlashStock Inc. – Toronto

- Agile development of a web application built using the MEAN Stack
- Full stack development work varied from writing aggregation methods in MongoDB to custom CSS media queries to support responsive web design and everything in the middle.
- Implement third party api's such as Google Places API, OpenStreetMap, Google Maps API, Leaflet.js, etc.

Software Developer   August 2013 – December 2013
Mercatus Technologies Inc. – Toronto

- Set up a test driven development (TDD) environment for front-end JavaScript MV* framework (Backbone.js) using the Jasmine framework.
- Integrated both front end and back end unit tests into a continuous integration server (Bamboo) and cloud based cross platform server (SauceLabs)
- Fixed and upgraded front-end MVC components based on the Backbone.js framework and an open source microMVC PHP framework (Utopia).
- Tested and modified the libraries based on an in house RESTful API written in PHP

SIDE PROJECTS & COMPETITIONS

Lani Inc. – Co-Founder, Developer – https://lanilabs.com   Julty 2014 - **Present**

- Deeply involved in developing features of the site using Ruby on Rails and also taking care of devops
- Integrated PayPal API to implement a payments system for buying 3D print models
- Implement a real-time dashboard for print centres to manage 3D printing services
- Built a prototype using Raspberry Pi that connects to 3d printers through wireless communication
- Sponsored HackTheNorth

Built for BlackBerry Campus Competition – *Square Run* Developer   April 2013
  - Appeared on featured list of apps within the Blackberry World store for a week.
  - Independently developed a 2D arcade game and published it on the BlackBerry World app store in just over a week using HTML5/JavaScript languages and the BlackBerry WebWorks SDK toolkit
  - Exploited open-source frameworks such as Cocos2d-html5 and Box2D physics engine

Queen's Startup Summit – *BackTrack* Developer   March 1 – March 3, 2013
  - Achieved third place with a reward of $1000
  - Solely developed an iOS web app prototype to simplify compilation of information from social media on the user's smartphone
  - Planned business and marketing strategies for the startup idea with other team members

<u>**Other Projects**</u>
  Run Square Run – Objective-C, SpriteKit - <u>Source Code</u> – <u>Download</u>
  UnieedIt - AngularJS (Ionic), Parse – <u>Source Code</u> – Site [AngelHack 2014]
  VoteInsighters – AngularJS (Ionic), Parse - <u>Source Code</u> – Site [PayPal Hackathon 2014]

EDUCATION

Candidate for Bachelor of Applied Science in Computer Engineering   September 2012 – present
  University of Waterloo, Waterloo, ON
  <u>Relevant courses:</u> Engineering Design with Embedded Systems (Android, Java), Fundamentals of Programming (C#), Algorithms and Data Structures (C++)

Ontario Secondary School Diploma   June 2012
Fletcher's Meadow Secondary School, Brampton, ON