

**Sarim Ali**  
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<b>Objective</b>	To obtain a professional work experience and establish a career in a promising company within the IT sector.
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## Technical Qualifications

### Programming Languages:

- Proficient in Bash Scripting/KSH/Shell, Ruby, YAML, C, HTML, and CSS
- Competent in NodeJS, Java, JavaScript, Coffee Script, jQuery, C# and Visual basic
- Familiarity with Yeoman, Grunt, AngularJs and SASS/SCSS

### Skills:

- Continuous Deployment, Continuous Integration, Terraform, Ansible, Chef, Puppet, Haproxy, F5 LTM, ELB, Relational database management (MySQL & Maria DB, MsSQL), XenCenter 6, Apache, NginX, Tomcat, IIS, Networking (VLANs & Wireless Networks), Nagios, Icinga, and Zabbix, DC management, Git, Mercurial, Ejbca, Dashing, Amazon AWS EC2, Puppet, Hiera, Pfsense, Cloudera Manager, Vagrant, Hadoop, MapReduce and Spark

### IDE software/Operating systems/Productivity software:

- Matlab, Arduino, Eclipse, Netbeans, Aptana Studio 3, DB2, Visual Studio 2008-12, Windows Server (2003, 2008, 2012, 2012 R2), Apple OSX, UNIX/Linux (RHEL, Amazon Linux, Debian and Ubuntu)

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<b>Education</b>	<b>Bachelor's Degree Computer Science (BSc.)</b> <i>Ryerson University, Toronto, ON</i>	<i>Sept '09 – Dec '13</i>
	<b>Ontario Secondary School Diploma (OSSD)</b> <i>Notre Dame, Brampton, ON</i>	<i>Sept '05 – June '09</i>

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## Work Experience

<b>Devops Engineer - FanXchange</b>	<i>Aug '16 - Present</i>
<ul style="list-style-type: none"><li>• New skills attained in AWS: ['SES', 'SQS', 'Cloudformation']</li><li>• Performed DevOps for Centos, Mac and Windows platforms</li><li>• Automation with ansible and vagrant</li><li>• Focused on continuous integration with jenkins/rundeck and Fabric</li><li>• Spearheaded monitoring effort with datadog</li><li>• Spearheaded office move and setup wifi meshed network and firewall setup optimized for cost</li><li>• Spearheaded jenkins migration</li><li>• Daily activities include demo environment creation, user support, application support, server support, deployment support and optimization of aforementioned tasks</li><li>• Provided support for python APIs</li></ul>	

**Devops Engineer, Shomi Partnership***Jun'15 –  
Aug '16*

- Initial main duties is to set up the physical DC ready for a big public launch, some of my jobs included:
  - Ensure that the 3rd party payment page integration is top notch in terms of security and compatibility.
  - Used existing SOAP integration. Worked on payment overrides with big gateways like Chase.
  - Became “go-to” specialist of the payment system others felt comfortable coming to me for guidance.
  - Used chef to install logging (sumologic) and app monitoring(newrelic)
  - For automation of windows deployments using only chef, code deploy and Teamcity
  - For automation of NodeJS using only chef, code deploy and Teamcity
- Post launch duties included: - Moved our DC to the AWS cloud - Automation of Angular website deployment - Moved a bad implementation of Ansible and Cloud formation to a much more modular and multi cloud capable Terraform - One click Lambda deployments - Used test kitchen to test cookbooks in windows, Linux and AWS - Heavily involved with leveraging chef for CI with CircleCi

Technologies: Chef, Kitchen, Berkshelf, Foodcritic, ServerSpec, Linux and Windows, CloudFront, RDS, Lambda, Kinesis, Code Deploy, S3, Route53, VMware, IIS, Teamcity, NodeJS, CentOS, F5 LTM, Newrelic, Datadog, Akamai (LUNA, FastDNS, Caching Rules)

**System Administrator, Eyereturn Marketing***Mar '14 –  
Apr '15*

- Create a IDS using puppet scripts and deploy across existing systems
  - Assist in a database migration project moving assets from one data center to another
  - Using Amazon EC2 instance as a external interface to check for vulnerabilities in existing systems and for external monitoring
  - Create a in-house dashboard with Dashing, Spark, Python, and Ruby
  - Troubleshoot outages including after-hours and on weekends
  - Analyze / Troubleshoot hadoop, hbase, and cloudera implementations and increase performance and manageability
  - Leverage and contribute to in-house developed Puppet scripts for the automation of system and application deployment
  - Collaborate with the team and assist in a NY expansion project; helping from designing to shipping
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- Install and stage new servers
  - Created a 2 factor authenticated Wi-Fi system with commodity grade hardware
  - Created a live video tunnel between Eglinton and Markham
  - User support across all platforms
  - Quickly and patch security vulnerabilities like Bashbleed and Heartbleed
  - Helped create a brand new DevOps team at eyereturn by leveraging vagrant and puppet to create a dynamic UAT environment
  - Helped network and wire Markham offices
  - As one of my prime tasks I administered 100+ users locally and internationally within Mac, Windows and Linux ecosystems

<b>Robotics Instructor &amp; System Administrator, Thinnox Design Academy</b> <ul style="list-style-type: none"> <li>• Deliver professional and educational presentations on a daily basis to students of ages 7-16, and sometimes parents</li> <li>• Conduct classes for basic and intermediate level robotics utilizing NXT Mindstorms 2.0 and NXT Mindstorms IDE</li> <li>• Create handouts; topics include Artificial Intelligence and Linear Algebra</li> <li>• Active Directory management and updating all 100+ user</li> <li>• Optimizing Microsoft Server 2003 and simplifying server file structure</li> <li>• Only IT professional in the entire facility; I have to be easily approachable</li> <li>• Suggest upgrading from Windows Vista and several other optimizations</li> <li>• Maintain all hardware in the whole facility and upgrade if necessary</li> </ul>	Oct '13 – Aug '14
<b>Mobile Audio - Product Expert, Future Shop</b> <ul style="list-style-type: none"> <li>• Learn up to date knowledge about Car Audio from websites, forums, peers and formal training sessions and then sell and make \$\$\$</li> <li>• Train customers buying new Apple on how to setup their device on OSX and Windows</li> <li>• Provide detailed descriptions of capabilities of Apple products</li> </ul>	April '13 – Oct '13
<b>System Administrator/IT Support, NAMF, Inc.</b> <ul style="list-style-type: none"> <li>• Held key responsibility in this small company as I was the only go-to technical representative</li> <li>• Responsible for establishing new workstations for each faculty member</li> <li>• On call support for all faculty who were new to Windows 7</li> <li>• Created a new NAMF oriented and teacher friendly Macros enabled Excel mark book application (i.e. automatically creates average graph for mark trends)</li> <li>• Responsible for connecting new workstations to the internet (i.e. wiring the building with Ethernet cables and connecting it to the main switch)</li> <li>• Tasked with creating and editing flyers and newsletters with Adobe products, these images were designed to be displayed on the front page of the website</li> <li>• Tasked with video editing for graduation, debates and other events</li> </ul>	June '10 – Jan '11

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## Projects

### Unique/Side projects:

- Built a soccer playing robot and urban search and rescue robot from scratch ([Video](#))
- Built a OpenVPN configuration to VPN to home
- Automated a stamping job

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## Relevant Qualifications

- Great social, communication skills and presentation skills
  - Fast learner and efficient worker who is able to work independently or in a team
  - Entrepreneurial mind, Professional, responsible, dedicated, well mannered, hard-working and energetic
  - Great leadership skills
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References Available Upon Request