

Sadat Ahmed

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PROFILE

Enthusiastic, motivated and passionate software developer. Interested in challenging work and engage in learning about complex software systems and their standards. Offering a wide variety of experience through co-op and full time to be utilized in the realm of software.

EXPERIENCE

Full Stack Developer, TrainingRelief Inc.; Waterloo, ON Jul 2016 Apr 2017

Java, MySQL, Hibernate, Spring, AngularJS, HTML5, Nagios, JIRA, Confluence, GitHub, Tomcat, Apache2, Python, Jenkins, Bower, Grunt, Maven, XML, DigitalOcean, Bash, Mac, Linux

- ❖ Practiced agile methodologies for weekly releases and was part of every process in the software development life cycle
- ❖ Implemented full stack features for the web application in MVC pattern using RESTful services
- ❖ Designed database layer implementation deriving from the requirements
- ❖ Implemented tests cases and performed regression testing on the application
- ❖ Performed releases and hot fixes collaboratively and independently using Jenkins
- ❖ Set up monitoring system (Nagios) to report on DigitalOcean systems
- ❖ Upgraded Maven dependencies and translated ".hbm" xml files to annotations for Hibernate
- ❖ Participated in git review processes and documented processes and FAQs in Confluence

Full Stack Developer Co-op, Imagine Communications; Waterloo, ON May 2015 Aug 2015

C#, AngularJS, Bootstrap, HTML5, Windows, Internal source repository system

- ❖ Designed and implemented a video editing software using Bootstrap, AngularJS and HTML5
- ❖ Developed the C# backend services to developer RESTful services
- ❖ Gained experience in understanding and debugging Silverlight

Software Developer Co-op, QuickTapSurvey; Toronto, ON Sep 2014 Dec 2014

Java, MySQL, JavaScript, Selenium, iOS, Android, Spring, Hibernate, Tomcat, Apache2, Objective-C, Bash, Mac, GitHub

- ❖ Implemented features, fixed bugs and maintained the MVC web application
- ❖ Developed iOS and android tablet application
- ❖ Learned beginner level concepts of Spring and Hibernate
- ❖ Practiced Scrum and Agile methodologies for releases
- ❖ Participated in QA regression testing and writing automated test cases using Selenium

Junior Innovation Engineer Co-op, Ericsson; Montreal, QC Jan 2014 Apr 2014

VMWare, JSP, HTML, Tomcat, MySQL, Java, XML, SIPp, Xming, Windows, Linux, Bash

- ❖ Developed dynamic website for monitoring purposes using JSP, HTML and Java
- ❖ Constructed servlet classes to handle web requests
- ❖ Created server for web hosting in Linux environment using TOMCAT and MySQL
- ❖ Performed tests on IMS Network and CSCF for overload, engineered capacity and latency using SIPp and Titansim Traffic Simulator
- ❖ Developed XML Scripts for SIPp usage and handling response such as 480, 500, 503, etc

Web Developer Co-op, Sun Life Financial; Waterloo, ON Jan 2013 Apr 2013

C#, CSS, ASP, Javascript, HTML, VBScript, Windows

- ❖ Developed internal web pages using C#, ASP, JavaScript, HTML and CSS
- ❖ Created automated reporting system on file systems in the databases using VBScript

Mobile Applications and Cloud Developer Co-op, Clearbridge Mobile; Toronto, ON

May 2012 Aug 2012

Objective-C, Javascript, Mac, Git

- ❖ Developed a mobile application in a cross-platform environment (Appcelerator) using JavaScript with JSON data provided by back end services
- ❖ Developed features and fixed bugs in Objective-C
- ❖ Tested the application and developed test cases
- ❖ Practiced Scrum and Agile methodologies for releases

Build Engineer Co-op, OpenText; Waterloo, ON Sep 2011 Dec 2011

Perl, Perforce, VMware, Linux, Solaris, Aix, Windows, Bash

- ❖ Debugged and fixed problems in the central build environment (build failures; build machine failures,
- ❖ disk space problems, service unavailability etc.)
- ❖ Installed build tools (compilers, sdks, etc.) on central build machines (VMware)
- ❖ Provided support for requests from Dev/QA team members

EDUCATION

University of Waterloo, Waterloo, ON — Bachelor of Computer Science/Software Engineering Option Cooperative Program, 2016

PROJECTS

Portfolio, Personal, Web Application

- ❖ Implemented a personal website using HTML5, Bootstrap, AngularJS and NodeJS

Game of Snake, Personal, MacBook Application

- ❖ Developed using Swift, SpriteKit and Object Oriented Programming Principles

Big Data, School Project, Big Data Applications and Analysis

- ❖ Implemented various Algorithms to scale using Hadoop and Spark for assignments. The programs ran on 1.0 GB of data on a 20 node cluster