DANNY GOSAIN
SYSTEMS DESIGN ENGINEER

WORK EXPERIENCE

SOFTWARE ENGINEER
MAY 2017 – PRESENT

AUTODESK
- Worked with DevOps principles for implementation of the continuous deployment pipeline to support the cloud based infrastructure for Autodesk Fusion Lifecycle
- Designed the infrastructure of the company-wide private container cloud solution based on Kubernetes, Docker, Jenkins and Groovy
- Set up environment provisioning solution using Postgres, Gradle, and Tomcat
- Built an automated testing environment for Chrome and Firefox using Jenkins pipeline, Docker, and Selenium

DEVOPS ENGINEER
SEPT 2016 – DEC 2016

RBC ONE | ACE PROGRAM
- Worked in a SAFe Agile team to implement and develop solutions enabling development teams to build, deploy, monitor and test applications
- Designed and developed continuous delivery pipeline integrating Git, Jenkins, SonarQube, Nexus, and UrbanCode Deploy
- Developed automation and deployment utilities using Bash, Groovy, and Perl
- Wrote Groovy scripts to integrate with Jenkins CI for automatically uploading static assets to Nexus on new builds

SOFTWARE DEVELOPER
JAN 2016 – APR 2016

ROYAL BANK OF CANADA
- Designed, developed, and managed a successful cloud-based mobile web application, used company wide, from conception to completion
- Developed web interface using HTML5, JSP, Java, JavaScript, JDBC and SQL
- Wrote unit-tested robust REST APIs for the machine learning platform's rules engine interface in Node.js.
- Initiated ELK Big Data project for log management and Dynatrace for analytics

SOFTWARE ANALYST
MAY 2015 – AUG 2015

MAPLE LEAF FOODS
- Responsible for all aspects of troubleshooting, installing, training, and functioning of weekly SAP transport procedures
- Built an automated system to optimize operation and maintenance procedures, saving $300,000, and achieving 'Lean Six Sigma - Green Belt' certification

WEB DEVELOPER
JAN 2014 – APR 2014

TORONTO DISTRICT SCHOOL BOARD
- Specialized in prototyping website designs for new schools, providing custom web interface and patching incompatible WordPress plugins
- Developed a web dashboard to enable athletics department to model and visualize events using Flask, JavaScript and HighCharts API

PROJECTS

CANMAP
- Developed an interactive map to provide various information about Canada, like population, population density, and private dwellings
- Created the SQL database from CSV data files using Python, built the application's API using Ruby, defined the MVC model with Angular, and rendered the maps using Highmaps API

INSTAFIND
- Built an iOS application for an object location system using radio frequency to find lost items in seconds
- Used Objective-C for application development and used RFID tags on objects and Arduinos to communicate between a central hub and tagged objects

BOTERLOO
- Built an interactive chatbot using Node, Microsoft Bot Framework and the uWaterloo Open Data API
- Supported on many modern messaging platforms such as – Skype, Slack, and Facebook Messenger

PROFILE

- dgosain@edu.uwaterloo.ca
- (647) 919 5627
- dannygosain.com
- linkedin.com/in/dannygosain
- github.com/dannygosain1

EDUCATION

UNIVERSITY OF WATERLOO
SYSTEMS DESIGN ENGINEERING
Expected Graduation – Apr 2018
Option in Management Sciences
GPA: 3.7
President's Scholarship (2013)

LEADERSHIP

UW DECA
SENIOR EXECUTIVE
May 2017 - Present

SKILLS

PROGRAMMING
JavaScript · Java · Groovy · C++ · Bash · Objective-C · Perl · MySQL

WEB
HTML5 · CSS · Angular · Node · React · jQuery · Websockets · Bootstrap

TECHNOLOGIES

PROFICIENCIES
Docker · Jenkins · Git · Nexus · Kubernetes · Vagrant · Chef

FAMILIARITIES
SonarQube · CircleCI · Junit · Jmeter · Tomcat · Bluemix