

SEHAJPREET SINGH GILL

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A result oriented software developer with more than 2 years of experience in Software Development.

Skills

JAVA/J2EE TECHNOLOGIES

Java
REST
Apache Maven
JSON
JDBC

FRAMEWORKS

Spring
Spring MVC
Hibernate
JUnit

OTHERS

JavaScript
MySQL
HTML
CSS
Perl

TOOLS

Linux
Shell Scripting
Git
JIRA
Google Cloud Platform

Education

Concordia University, Montreal
M.Eng. Software Engineering

Sept. 2018 to Apr. 2020

Shaheed Bhagat Singh State Technical Campus
B.Tech. Computer Science and Engineering

Aug. 2012 to June 2016

Work Experience

Concordia University

Faculty Manager at Graduate Student Association

Montreal, Canada

Sept. 2019 to Current

- Act as the primary contact person between GSA and GSA's associations.
- Oversee the application of GSA's Allocation and Funding policies.
- Allocate funds to departments, associations and students.

Infosys Limited

Systems Engineer

Bangalore, India

July 2016 to July 2018

- Participated in the Software Development Lifecycle (SDLC) – Agile methodology right from requirement analysis, build and testing to the maintenance of proposed applications.
- Developed web APIs using Java, Spring, Hibernate and Spring JPA.
- Collaborated with project teams and interfacing with clients.
- Performed research and development tasks to design and implement new components.
- Coded, implemented and integrated complex software programs using technologies, troubleshooting and debugging new or existing software programs.
- Performed testing throughout the project lifecycle (Unit Testing, Integration Testing).
- Resolving the technical issues during the course of project execution.

Infosys Limited

Instep Internship

Mysore, India

Jan. 2016 to June 2016

- Was training in Java, Python, and SQL
- Worked as part of a team to develop a Java Web Application (learning project)
- Scored 87% on programming assignments, and finished the program as a 'High Performer'

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Projects

Risky Commit Miner

Feb. 2020 to Mar. 2020

- Developed an open-source tool that mines the JIRA repositories at Apache.org and links the bug fix with Github commits.
- This tool finds out the classes that changed as part of a bug fix.
- Developed as part of a research project on Test Case Prioritization.
- The technologies used are Java, REST and Linux scripting.

Risk Board Game

Sept. 2019 to Dec. 2019

- Collaborated with a team of 5 members to plan, design, and implement a desktop application version of RISK board game using Agile methodology.
- Implemented using coding conventions, Java, Javadoc, and Junit; coordinated using Github and designed using multiple design patterns.
- Contributed in design and implementation of the program's overall architecture and core algorithms required to correctly carry out game logic, unit testing, code refactoring, Javadoc generation, and user interface.
- Achieved more than 500 overall commits and 98.5% of client satisfaction grading

Software Design Methodology Project (SOEN6461)

Jan. 2019 to Apr. 2019

- Project Documentation with various Class Diagrams, Sequence Diagram and Use Case Diagrams.
- Experience with all phases of the software development cycle, including design, development, test, deployment, and support of developed solutions
- Thorough knowledge of various Design Patterns (Singleton DP, Factory DP, Abstract Factory DP, Visitor DP)
- Participating in design and code inspections.
- Tools: Java, Design Patterns, Eclipse IDE

SOFTWARE REQUIREMENT SPECIFICATION PROJECT (SOEN6481)

Sept. 2018 to Dec. 2018

- Developed a complete Software Requirement Specification Documentation with all the User Requirements(functional and non-functional), User Stories and Test Cases included.
- Developed a Business Process Model, recommended various Client Requirement Gathering Techniques.
- Reviewed test cases and scenarios and met all project data deliverables and deadlines.
- Reviewed various UML Model.
- Tools: UML Diagrams

CustData, Telstra

Sept. 2017 to July 2018

- Developed a web-application developed using Hibernate and Spring Framework which helps customers manage routing, DNS and usage for their retail/wholesale account.
- Incident and Change Management for ad hoc/planned requests and Client communication.
- Data feed generation from DB repository and enabling the automated SSH/SFTP/Rsync file transfers to different interfaces on a daily basis.
- Automation for application server health and monitoring.

Web Activation System, Telstra

July 2016 to Sept. 2017

- Developed a web application that allows the operations team to raise and manage orders on behalf of customers. The tool allocates resources and takes care of all the processes until the service goes live on the router.
- Worked with REST Client and Spring framework for automating Activation process for non-ADSL (BDSL, Ethernet) services of end-users.
- Fibre Optic Ethernet Service Activation/Deactivation/Updating in DBoRs and IOS-XR devices.

Volunteer Work

Concordia University · ISO Volunteer
Montreal, Canada

Jan. 2019 to Jan. 2019

Volunteered at International Students Office, Concordia University in January 2019.