

# Siddhartha Jha

1645 de Maisonneuve West, Montreal QC, H3H 2N3

Phone: +1-514-292-7210 | Email: siddharthajha07@gmail.com | www.linkedin.com/in/siddharthajha07/

## Professional Experience

### Software Engineer Co-op, Gore Mutual Insurance, Cambridge, Ontario.

May2022-Aug2022

- Developed desk reservation and broker user management module using Angular framework and JavaScript.
- Tested various user management modules using Jasmine and Karma framework.
- Automated testing of services using Playwright framework.
- Setup the build pipelines on Microsoft Azure.

### Software Engineer, Larsen & Toubro Infotech, Mumbai, India

July2018-Aug 2021

- Developed web based and standalone applications using java technologies.
- Extensive hands-on experience in developing applications in MVC structure using Java, Spring along with Oracle SQL queries.
- Implementation of Object-Oriented Programming and MVC architecture.
- Hands on experience in Linux environment on local and client servers.
- Good understanding of SDLC process, git, and version control.

## Education

**Master of Applied Computer Science** (GPA-3.3/4.3 (Till 3<sup>rd</sup> term)) - Concordia University, Montreal, Canada.

2021-2023

**Bachelor of Technology - Computer Science & Engineering** (Percentage - 76.4% (First Division with Hons.))

2014-2018

Dr. A.P.J. Abdul Kalam Technical University, Lucknow, India

## Technical Skills

- **Technologies:** Java, Restful Web Services, JavaScript, CSS, HTML, Junit5, Kubernetes, Python.
- **Databases:** Oracle 12c, MySQL, MongoDB.
- **Frameworks:** Spring, Spring Boot, Angular, Playwright.
- **Application Servers:** Tomcat, Jetty.
- **Tools:** Eclipse, STS, Maven, VS Code.
- **Version Controls:** Git, SVN.

## Projects

### • MES Insite Visioncare - Johnson & Johnson

Developed and managed the web services of the application, created design documents for modules and enhancements. Proactively approached the issues and delivered fixes for them as story points in agile mode. I also received recognition from the management and client for modularizing and performing re-architecture for all the components of the legacy 'MES Insite Visioncare' application to openjdk11.

### • User and Broker Management

Developed desk reservation and broker user management module using Typescript and Angular framework. Worked on preparing test cases for various user management modules and tested using Jasmine and Karma framework for 100% code coverage. Automated testing of various critical services using Playwright framework. Setup the build pipelines on Microsoft Azure.

### • Opera Solar

Opera Solar is a project where it's client can view their plant in real time for plant performance, capacity utilization factor and to apply analytics and have forecasting and scheduling. It also has a module as Ticketing System where an operator can raise a ticket if he finds any glitch in the functioning of any inventory. Involved in analysis, design, development, and implementation based on SLA. Developed RESTful Web Services and worked on developing and testing the code from UI till the DAO layer for the application using Java, Spring and Oracle.

### • Admin module for call center

Client wanted a tool to manage the admin data which are used by all the applications involved with the routing of all types of communication regarding different products to the appropriate agent. Worked on developing and testing the code from UI till the DAO layer for the application using Java, Spring and Oracle.

### • Parking Ticketing Assistant using Kubernetes

This project uses the Kubernetes system to analyze the parking violation system on the existing data set of New York parking database provided from the year between 2014 to 2017(Dataset source: Kaggle). It allows the police officer to know if the parking violation is a repeat offense or not and the frequency of offense in real-time as soon as a new ticket is initiated. Multiple input simulator can connect to Kubernetes pods which will then communicate to MongoDB to fetch the data.

### • Gitterific

Developed a web application that can analyze the content on GitHub using REST API. The interface takes a string with one or multiple search keywords and returns the related results in a tabular form as user, repository, issues and commits. Each column entry has a hyperlink associated with the data which shows a detailed information on another page. This is implemented in Java and Spring framework.