

# Suyash Kumar Singh

Associate Lead

**LinkedIn:** <https://www.linkedin.com/in/suyashkumarsingh/>

**Github:** <https://github.com/suyashs52>

**Stackoverflow:** <https://stackoverflow.com/users/2957758/suyash-kumar-singh>

**Hackerrank:** <https://www.hackerrank.com/suyashkumarsingh>

**Email:** [suyash.singh@outlook.com](mailto:suyash.singh@outlook.com)

**Phone:** +91-7895010901

## Skills

JAVA

Microservice

jQuery, JavaScript

Angular 5+

Spring MVC

Spring Boot

Kafka

Hibernate

Spring JPA

RDBMS

NoSQL

Algorithm

Data structure

PostgreSQL

GIT

## Professional Summary

Experienced Software professional with strong skills in designing and developing successful software applications. Knowledgeable about a wide range of design and testing approaches. Effective problem-solver with advanced programming skills and a hard-working mentality. Seeking to apply expertise and extensive experience in software engineering to take on a challenging new role with a growing team. Broad industry experience includes **Income Tax, Insurance, Retail, E-Commerce, Real State, Education and Hotel Software.**

## Experience

Oct 2019– Present

**Associate Lead • Nagarro Software • Delhi**

- Helping hand for Outlet Billing API Bug fixing
- Develop Information Data services that can read data from multiple data sources (RDBMS and NOSQL).
- Modernization of 20+ legacy applications in Java stack
- Building a data lake enabling a foundation for analytics and business intelligence
- Migration of multiple desktop applications to modern web technologies on Angular
- Building an analytics tool with Kafka, that provided internal/external dashboard for 1B daily events.
- Designed solutions with ability to hot deploy releases/patches and maximizes on cloud PaaS features to enable full system availability
- Notification to login user using web socket (STOMP) and JWT.

**Technology Used: Java 8, Spring Boot, Spring Cloud, REST, Microservices (MSA), Kafka, Docker, Netflix OSS (Zuul, Eureka, Ribbon, Hystrix), Web Socket**

Oct 2017– Oct 2019

**Sr. Software Engineer • L & T Infotech • Delhi**

- Working as a full stack developer for Central Board of Direct Tax project to deliver solution using Spring MVC, jQuery, PostgreSQL, Angular 6
- Developed restful service, ui component, DB view and procedure for CBDT portal to collect taxpayer form 61A, 61B details.
- Created jQuery library for client side and server side pagination using jQuery, javascript which is used in various CBDT module
- Improved query performance by 40% using procedure when there is any change in Case, Issue, Info status of a taxpayer customer
- Implemented user friendly and smoothing functionality for search operation in statement monitoring for ITD users. Same code is replicated in many module
- Design an algorithm for User Directory Hierarchy view by Login user in Insight Portal
- Developed module for user assignment activity for issue and info of a case.
- Wrote wrapper function for gird binding, dom manipulation, ajax call, loading data

asynchronously

- Improve response time for sending data to customer through redesigning the cache storage for lookup table
- Solve QA reported Bugs together with implementation of new features in Tax Engine based on Service Request received by Client.

**Technology Used: Java 8, Collection, Factory Design Pattern, Spring MVC, Hibernate, PostgreSQL, Jenkin, JavaScript, Angular 6, GIT**

Dec 2015– Oct 2017

**Promoter, Software Engineer • Greenox Food and Beverages Pvt Ltd • Delhi**

- Worked on Hotel, Restaurant Software
- Integrated graphical visualization by creating deterministic finite state machine for HTML events
- Implemented low pass function for user friendly experience
- Increased CPU utilization by enabling threading for SLA completion of Employee on weekdays
- Design and implemented Expedite request control for employee by constructing ajax long request to check online active user and their live work load.
- Developed Analytics for today, yesterday ,ytd, mtd sales report of employee/manager Preparing Demo PPT/Doc to Demonstrate Pricing Behavior by Analyzing Use Cases and Client Requirement
- Established role wise permission to view page, view and assigning task to other employee/user
- Design sql model and wrote various procedure for viewing and functioning on ticket,quote,policy given by broker

**Technology Used: Java 7, Threading, Singleton Design Pattern, Spring MVC, Hibernate, My SQL, Jenkin, Javascript, GIT**

Oct 2014– Dec 2015

**Software Developer, Founder • Spectrum Edu, StartUp • Nashik,Surat**

- Build 500+ people network in Real State Sector
- Developed an algorithm for Broker ranking based on their past performance ,Broker - Client relationship and their daily basis work
- Added 50+ builder in network
- Implemented and Automated daily basis problem solution for brokers
- Developed an interactive graphics website using html, jquery, css to view information about spectrum coaching
- Developed algorithm for comprehensive analysis of student performance which provide analytical data for each student weakness in subjects, topic after they completed test.
- Developed a tool featuring students competition against each other and view only test and competition performance, Tool was like gaming in real time software project.

Oct 2013– Oct 2014

**Software Developer • Anand System India • Surat**

- Worked in product development for ASI Hotel Property Management Software System.
- Optimized New Day event by developing the tool which helped automation when system new day event occurred
- Incorporated persistent data storage for adding rooms in hotel for housekeeping department

- Created logic for rate information based on Room Type(Non Smoking King, Delux, Pet allow)
  - Added autonomous booking platform from travel website by constructing api integration
  - Solve QA reported Bugs together with implementation of new features in POS, Desktop Software based on Service Request received by Customers
- 

## **Education**

2009-2013

Gautam Budh Technical University, Lucknow - B.Tech

Computer Science Engineering

---

## **Projects**

- Form 61A – Submission (L & T Infotech)
  - Notify Agents (Paktolus Solutions LLC)
  - Test Attempt Score Management (Spectrum Edu)  
(Wasted,Perfect,Overtime analysis)
  - Broker Customer Relationship Portal (Startup-Surat)
  - Edunet (College)
  - College Automation System (College)
- 

## **Certificate & Recognition**

- Solved 100+ bugs in CBDT project
  - DB2 Certified
  - TGMC Certified
  - GATE Qualified
  - Coding Competition 2nd rank in college
-