

SANDEEP SINGH

Software Developer

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Permanent Resident

PROFILE

Experienced Software Developer with expertise in web and business application development, skilled in **Object-Oriented Design**, **SDLC**, **Agile environments**, and **Core Java** concepts. Proficient in code development, **testing**, and **debugging**. Strong abilities in writing documentation, including **use cases**, functional specifications, and **UML diagrams**. Capable of efficient **teamwork**, self-directed work, **multitasking**, and meeting deadlines.

EDUCATION

Master of Engineering in Software Engineering

Concordia University,

Montreal, Quebec

May 2017 – Aug 2019

Bachelor of Technology in Information Technology

R.I.E.T,

Phagwara, India

Jun 2010 - Jun 2014

TECHNICAL SKILLS

Programming Languages:

JAVA, C/C++

Java/J2EE Technologies:

Servlets, JSP, JSTL, JDBC, JPA

Web Technology:

HTML5, CSS, JavaScript, jQuery,

Angular, Vue.js, PHP, ReactJS

Databases:

SQL, SQL Server, MySQL, Oracle DB

Frameworks & Technologies:

Spring framework, Spring Boot, Spring

Actuator, Jira, ORM, Hibernate, Log4J,

Liquibase, GraphQL, Kafka, Netflix

Conductor, LogiSense, Swagger, JMeter,

VisualVM

Methodologies:

Agile, Scrum, TDD, SDLC

Testing Tools:

JUnit, Mockito, Cucumber, Selenium,

RestAssured

Build Tools:

Maven, Gradle

Version Control System:

Git, GitHub, GitLab, Bitbucket

Devops:

CI/CD, AWS, Microsoft Azure, Docker,

Kubernetes, Jenkins, Artifactory,

SonarQube

Operating systems:

Windows, Linux- Ubuntu

INTEREST

Reading, Painting, Listening to music

EXPERIENCE

Java Software Developer, January 2022 – Present

Kandy Communications LLC, Ottawa, ON, Canada

- Lead back-end development activities, improving website performance by **30%** through optimized **Java** code and architecture enhancements.
- Reduced system downtime by **20%** through continuous maintenance and timely upgrades.
- Tested and troubleshoot **RESTful APIs**, achieving a **95%** API uptime.
- Designed and executed application and website flow tests using **Postman**, increasing defect detection rates by **25%**.
- Implemented a design-first approach with **Swagger**, reducing API development cycles by **15%** through detailed pre-development planning.
- Developed test plans with **JUnit**, **Mockito**, and **Cucumber**, achieving **95%** coverage and reducing post-release bugs.
- Collaborated with the testing team using **Agile methodology** to uphold software standards and resolve **90%** of identified issues.
- Conducted comprehensive code reviews, improving codebase quality by **40%** and providing support to fellow developers within the team.

Java Software Developer, January 2020 – December 2021

Nakisa Inc, Montreal, QC, Canada

- Executed **Java Spring Boot** development tasks, boosting system performance by **25%**.
- Utilized **VisualVM** to monitor and analyze performance, reducing queued task execution time by **20%**.
- Developed and optimized application features, improving **queue** processing efficiency by **30%** through advanced code enhancements.
- Improved system reliability and performance by **20%** by replacing in-memory constructs with **SQL**-based database tables.
- Implemented functionality for **queue** clearance in the task manager.
- Enhanced the application by migrating the front-end from **Vuetify** to **Quasar**.
- Developed clean, well-documented, and robust code to support multilingual user experiences (**Internationalization**) and **date formats**.
- Configured **CI/CD** pipelines in **GitLab** and **SonarQube**, automating deployments and increasing code quality analysis efficiency by **30%**.
- Built **Jenkinsfiles** and configured plugins for **Jenkins**, **GitLab**, and **SonarQube** to meet developer standards for code quality metrics.

Software Engineer, May 2015 – April 2017

OLSGroup, India

- Collaborated with stakeholders to gather requirements, ensuring **100%** alignment with business objectives for **web development**.
- Contributed to the **planning, design, development, and deployment** of software projects.
- Architected and implemented web applications using **Java**, **HTML**, **CSS**, and **JavaScript**.
- Provided **technical support**, resolved bugs, and implemented enhancements for web applications used by clients.