# Gaurav Sharma

**Full Stack Developer | Java, Spring Boot, React | Agile | CI/CD | SQL | Cloud Exposure**

(437)-559-6882 | [gauravsharma111199@gmail.com](mailto:gauravsharma111199@gmail.com) | [linkedin.com/in/gs-4b39491b9](https://linkedin.com/in/gs-4b39491b9) | Canada

## SKILLS

**Programming Languages:** JAVA SE/EE, HTML5, CSS3, JAVASCRIPT, SQL, PYTHON

**Database:** Oracle, MYSQL (Relational Database), MongoDB, Mongoose

**Framework:** Spring Core, Spring MVC, Spring Boot, React.js, Vue.js, Bootstrap, Node.js, Express.js,

**Cloud & DevOps:** Kubernetes, CI/CD Pipelines, Jenkins, Docker

**Tools:** Git, GitHub, IntelliJ IDEA, Eclipse, JIRA, Maven, Visual Studio

**Microsoft Technologies:** SharePoint/Microsoft 365, PowerShell

**Soft Skills:** Self Starter, Problem solving, Organizational skills, Risk Management, Communication, Multitasking, Agile methodologies, Teamwork

## EDUCATION

**Lambton College**                                                                                             **January 2024 - August 2025**

● Information Technology ● Ontario College Graduate Certificate                                       GPA: 3.13

Concentration 1: Programming Java SE & EE; Concentration 2: Frontend Web Development; Concentration 3: Database Programming and Relational Database Management; Concentration 4: Cloud Computing.

Courses: Frontend Web Development, Database Design & Programming, DevOps, Python, Problem Solving & Logic, Full Stack JavaScript.

**Punjab Technical University**                                                                                  **July 2018 - July 2022**

● Information Technology ● Bachelor of Technology

Concentration 1: Programming in Java; Concentration 2: Web Technology; Concentration 3: Database Management Systems.

Courses: Object Oriented Programming, Data Structure & Algorithms, Operating Systems, Artificial Intelligence (AI), Project Management.

## EXPERIENCE

**Software Engineer Trainee**

**Cognizant Technology Solutions (Chennai, India)**                                             **August 2022 - October 2023**

*Promoted within Cognizant from Software Engineer Trainee to Junior Software Engineer, reflecting consistent performance and technical growth.*

● Conducted analytics and executed unit testing using framework like Junit, Mockito and Selenium in the SoapUI server which involved implementing a rigorous test plan to validate system integrity, maintaining a 62.4% uptime and seamless software operations.

● Optimized and refactored legacy codebases to enhance system performance in the agile development environment (Scrum, Kanban), through pair programming with cross functional team by adhering to client requirements. This improved communication and resulted in a 65% client satisfaction rate and smooth functionality.

● Formulated data verification methods, established standards and procedural systems by focusing on relational databases, which improved data accuracy by 35% and system reliability by 38%.

● Maintained and resolved errors reported through raised tickets by engaging in IT Service Management (ITSM- IT), resulting in a 30% reduction in issue resolution time and enhanced system performance.

● Redesigned the user interface of a client's product using frontend technologies including React.js, Vue.js and Modern CSS patterns Like Bootstrap, leading to a notable 28% boost in user engagement.

**Intern (Full Stack Java Developer)**

**Cognizant Technology Solutions (Bangalore, India)**                                       **February 2022 - July 2022**

● Developed and tested backend software with Core Java and JavaScript, improving code maintainability by 22% and contributing to seamless system integration.

● Utilized deep programming frameworks for both backend and frontend development, with expertise in React for the frontend and Spring (including Spring Boot and Spring MVC) for backend development, which enhanced application performance by 33%.

● Gained expertise in Full Stack Engineering by leveraging technologies and frameworks such as JUnit for testing, Mockito for mock testing, Microservices architecture, and cloud platforms like Microsoft Azure, resulting in improved deployment efficiency by 20%

● Developed and optimized CI/CD pipelines with Jenkins and Kubernetes, reducing deployment time by 25% and ensuring seamless integration with external systems.

## PROJECTS

**GRIZ FIT – Gym Management System**

**An internship project aimed at managing gym memberships, plans and payments with a scalable architecture using React.js (frontend) and Spring Boot (backend).**

- Built a full-stack web application using React.js (frontend) and Spring Boot (backend), supporting scalable membership, plan, and payment management.
- Improved deployment efficiency by integrating CI/CD pipelines (Jenkins, Kubernetes) aligned with Agile and DevOps practices, enabling faster and more reliable feature delivery.
- Modeled complex relational data using MySQL, enforcing schema validation and relational integrity.
- Applied modular design principles to improve the system's scalability and maintainable architecture.

**Crowdsourced Road Repair & Infrastructure Feedback App (Mobile Appz)**

**Tech Stack: MERN (MongoDB, Express.js, React.js, Vue.js, Node.js), Mapbox, Multer, Flask, GeoJSON, Scikit-learn.**

- Engineered a geospatial full-stack civic platform using React.js, and Node.js, enabling real-time reporting of road issues with geotagged photos
- Developed and consumed RESTful APIs with Express.js and implemented structured and geospatial data models in MongoDB/Mongoose
- Integrated with Mapbox for real-time location rendering and Flask (Python) microservice for ML-driven heatmaps using Scikit-learn
- Collaborated in an agile team environment with Jira, GitHub, and code reviews to ensure fast-paced and high-quality development

## CERTIFICATION

**Team Leader**

**Chandigarh Group of Colleges**

Coordinated the planning and execution of the annual techno-cultural festival Parivartan and received a certificate of participation from the Head of the Department for successfully fulfilling the role.

**Deans Honour Awards**

**Lambton College**

Recognized for outstanding academic performance in the Summer 2024 semester.