

# GURKARAN SINGH KAHLON

gurkaransingh.19@gmail.com | 343 297 8772 | Ottawa, ON K2B-8E9, Open To Relocation |  
<https://www.linkedin.com/in/gurkaran-singh-kahlon-93094587/> | <https://github.com/gurkaransinghkahlon/>

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## Summary

Innovative Software Engineer offering 2 years of expertise in Java development using modern frameworks and testing. A seasoned professional with a background in the full software development lifecycle. Quickly learns and masters new technologies while working in both teams and self-directed settings.

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## Education and Qualification

Carleton University | Ottawa, ON | 04/2021

**Master of Engineering (M.Eng):** Electrical And Computer Engineering

Guru Nanak Dev University | Amritsar, India | 05/2016

**Bachelor of Technology (B.Tech):** Electronics And Communication Engineering Technology

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## Experience

**Graduate Teaching Assistant** | Carleton University - Ottawa, ON | 01/2021 - 04/2021

- Preparing Lab sessions and guiding the implementation of the module through MATLAB, Simulink software.
- Adhered to university requirements for student assignments, testing, and grading of work.

**Software Engineer** | Tata Consultancy Services - New Delhi, India | 03/2017 - 04/2019

- Worked on development and testing of Banking Software for financial services using Core Java and SQL.
- Experienced in Swift Payment - SEPA Credit Transfer and Direct Debit (15 million Euro banking application).
- Worked in both Agile methodology (Sprints, Standup meetings, Weekly Status Report) and Waterfall (Requirement gathering, Design, Implementation, and Maintenance).
- Ensure 24\*7 production support to the client during Go-Live Month.
- Experienced with Jenkins, Struts, SOAP UI, and Selenium Test Automation.
- Analyzed solutions and coding fixes for software problems.
- Worked with Jenkins and Maven and basic knowledge of CI/CD pipeline.
- Resolved customer issues by establishing workarounds and solutions to debug and create defect fixes.

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## Projects

**Shopping Cart Restful API using Java, Spring Boot, Postman and PostgreSQL using docker**

Build a Basic REST API in IntelliJ IDEA using Java and Spring Framework. Database used is RDBMS PostgreSQL. It has category and transaction classes.

**License Plate Detection using basic Machine Learning libraries**

Used OpenCV and KNN algorithm implemented using Python.

Converted image to Greyscale and used OpenCV classifier to detect license plate.

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## Skills

Core JAVA

Python

SQL

Docker / Kubernetes / Open stack

Version Control System: Git

Basics of JavaScript/CSS/HTML

Rest API

Selenium WebDriver

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## Certifications

**CENGN Cloud System Specialist**, Ottawa, ON / 2021, **Oracle Certified Java 8 Associate**, Gurgaon, India / 2019