

# Brij Patel

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## EDUCATION

### Carleton University

Bachelor of Engineering

Ottawa, Ontario

3.6 GPA

- Major: Software Engineering

## SKILLS

Java, HTML/CSS, JavaScript, jQuery, React, Multi-threaded application development, Software Design, OOP, MVC, Maven, OSGi, RESTful API, Git, Scrum Master, MySQL, JUnit, Mockito, Dart, AngularJS, Spring Boot, PostgreSQL, JIRA, Confluence, Linux, Agile, Test planning, Test execution, Gherkin

## WORK EXPERIENCE

### Ross Video

Remote, USA

Full Stack Developer – Scrum Master

Feb 2021 – Aug 2023

- Utilized **Java** with **OSGi** and **Hibernate**, **Postgres**, **MySQL**, **JavaScript**, **HTML/CSS**, and **React** to develop quality **web applications** and **REST APIs**, in a **Windows** and **Linux** environment, addressing features, bugs, and tech debt on a daily basis.
- Led all **scrum** ceremonies, including sprint planning, daily stand-ups, and retrospectives, to ensure clear alignment on project goals using **JIRA** and fostering a collaborative team environment, increasing sprint completion frequency and velocity by 13% for a more effective development process.
- Responsible for conducting **test planning** using **Gherkin language**, and executing **test cases** to validate functional and non-functional requirements
- Employed **object-oriented design patterns** to enhance code testability and maintainability by adding over 1400 **unit tests** using **Mockito** and **JUnit**.
- Served as the primary **mentor**, guiding newcomers through codebase familiarization, coding standards, and problem-solving. Utilized peer programming and a question-driven approach to foster self-discovery and skill development.

Full Stack Developer

Jun 2020 – Feb 2021

- Designed and implemented a visual scripting engine using **React** and **Java**, allowing customers to automate repetitive tasks, thereby saving valuable time.
- Selected for an expert team to create an innovative studio production product in 4 months. Collaborated on scope, met tight deadlines, and contributed to \$1 million in sales within 2 months of release.

### Sona Beauty

Remote

Freelance Web Developer

Jun 2021 – Jul 2021

- Designed and implemented a cost-effective website using **Heroku**, **Node.js**, **JSX**, and **search engine optimization** resulting in increased online visibility by 100% and improving customer count by 26%.

### 2Keys Corporation

Ottawa, Canada

Junior Software Developer

Jan 2018 – Aug 2018

- Used web technologies like **Java**, **Spring Boot**, **JavaScript/jQuery**, **HTML/CSS**, **AJAX** and **NoSQL** DB to create a responsive and user-friendly client on-boarding website, which reduced onboarding time by 50%.
- Implemented **RESTful API** service, web portal and iOS/Android application using **Flutter**, **Swift**, **Java**, **Spring Boot**, and **Maven** to manage appointments for employees and track visitor information in **Linux** environment.
- Communicated with stakeholders and the design team to author functional design documents using **JIRA** and **Confluence** to ensure requirements were recorded and met during the agile sprint.

Junior Software Developer

May 2019 – Aug 2019

- Updated the ticket management system using **AngularJS**, enhancing performance by 17%.
- Created over 100 test cases using **Mockito** and **JUnit** to validate code before deployment, maintaining quality standards.
- Learned and applied new languages and frameworks like **Flutter**, **Dart**, and **AngularJS**, while meeting tight deadlines and maintaining coding standards.

### Nokia

Ottawa, Canada

Junior Software Designer

Sept 2018 – Dec 2018

- Coordinated closely with the quality assurance team to identify and fix high-risk bugs, to maintain uninterrupted service and enhance system reliability.
- Successfully refactored a complex and aging application, achieving a 3% increase in efficiency and reducing lines of code by 10%, demonstrating a keen eye for optimization and code quality.
- Cooperated with members from multiple teams to develop and debug features in a challenging **Linux** environment using **Java** and **Object-Oriented principles**.

## INTERESTS

Traveling | Basketball | Video Games | Golf | MMA