

# Brij Patel

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## EDUCATION

### Carleton University

Bachelor of Engineering

- Major: Software Engineering

Ottawa, Ontario

3.6 GPA

## 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

## WORK EXPERIENCE

### Ross Video

Remote, USA

Full Stack Developer

Jun 2020 – Aug 2023

- Led all **scrum** ceremonies, including sprint planning, daily stand-ups, and retrospectives, ensuring clear alignment on project goals and fostering a collaborative team environment.
- As **Scrum Master**, guided the team to on-time, high-quality product delivery, increasing sprint completion frequency and velocity by 13% for a more effective development process.
- 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.
- Employed **object-oriented design patterns** to enhance code testability and maintainability by adding over 1400 **unit tests** using **Mockito** and **JUnit**.
- 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.
- 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.

### Sona Beauty

Remote

Freelance Web Developer

Jun 2021 – Jul 2021

- Designed and implemented a cost-effective website using **Heroku**, **Node.js**, and **JSX**, resulting in increased online visibility and business exposure.
- Utilized **search engine optimization** techniques to improve client visibility on search engines, resulting in a 26% increase in customer count

### 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