

# RAVI DEEPAK TRIVEDI

## Software Developer | Honours in Computer Science

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📁 Portfolio

🌐 r-bjorn

in ravitrivedi07

## SUMMARY

Results-driven software developer with expertise in **Python**, **Java**, **C#**, **JavaScript**, and a strong foundation in **Spring Framework**, **Node.js**, **React**, and **React Native**. Skilled in **database management** (**MySQL**, **GraphQL**, **PostgreSQL**, **MongoDB**) and **cloud services** (**AWS**). Proficient in **agile project management** using **Git**, **GitHub**, **JIRA**, and collaboration tools like **Microsoft Teams** and **Slack**. Experienced in **CI/CD pipelines** (**Jenkins**, **CircleCI**, **Docker**) and familiar with IDEs such as **Eclipse**, **IntelliJ**, **Visual Studio**, and **PyCharm**. Seeking a software developer role to leverage these skills in delivering innovative solutions.

## EDUCATION

### Bachelor of Computer Science (Honours)

#### University of Windsor

📅 Sept 2019 – Dec 2023

📍 Ontario, Canada

- Specialization: **Game Development**
- Minor: **Physics - Astronomy**
- Honors: **Dean's Honour Roll** 🏆 (2020 - 2021)

## SKILLS

**PROGRAMMING** : Python, Java, C#, JavaScript, Spring Framework, Node.js, React and React Native, .NET

**DATABASE** : MySQL, GraphQL, PostgreSQL, MongoDB, AWS

**PROJECT MANAGEMENT** : Agile, Git and Github, JIRA, Slack, Microsoft Teams, Jenkins, CircleCI, Docker

**TECHNOLOGIES AND TOOLS** : Eclipse, IntelliJ, Visual Studio, PyCharm, JUnit, Apple Developer, Expo, Adobe Creative Suite

## PROJECTS

### 🌐 Ephemeral | Unity

- Led a collaborative team effort in the creation of "Ephemeral," an **action-adventure survivor horror game**, showcasing expertise in **Unity**, **C#**, **UI/UX design**, and **Mirror Networking** to deliver a polished game demo with seamless multiplayer functionality.
- Took charge of **UI design**, implementing an intuitive main menu with distinct buttons, while enhancing player immersion through the integration of high-quality audio using **FMOD**, resulting in a compelling post-apocalyptic atmosphere.
- Leveraged **Unity's NavMesh** for AI enemy character behavior and conducted rigorous testing within the **Unity framework**, ensuring dynamic gameplay experiences and the elimination of potential issues for an optimized gaming adventure.

## ACHIEVEMENTS

- Received prestigious **Dean's Honour List** recognition in 2020-21 for outstanding academic excellence.

## EXPERIENCE

### Application Developer - Freelance

#### Huracanes Caribe

📅 April 2023 - August 2023

📍 Windsor, ON - Remote

- Designed and developed a **mobile application** as a solo **freelancer** using **React Native**, **Node.js**, and **Expo**, resulting in the successful integration of **iOS** and **Android platforms**. Uploaded the application to the Apple Store, achieving 5,000+ downloads and a 4.8-star rating.
- Leveraged **Google Firebase** for efficient **database management** and utilized **JavaScript** along with **React Native** and **Expo** to implement robust **user authentication** and **secure data handling**, ensuring a seamless and secure **user experience**.
- Managed the project with **agile methodology**, collaborating with team members through **GitHub**, **Microsoft Teams**, and other **project management** tools, ensuring streamlined **communication** and **continuous improvement** throughout the **development process**. Additionally, actively tested the app for **iOS** using **Apple TestFlight** in real-time to gather valuable client feedback.

### Freelance Web Developer Intern

#### Novavet Pharma

📅 May 2021 – August 2021

📍 Toronto, ON - Remote

- Leveraged **Java**, **React**, and **JavaScript** skills to collaborate closely with UI/UX designers, architecting and developing highly **responsive** and **user-friendly** websites. This initiative resulted in a remarkable **42%** increase in sales revenue, driven by enhanced customer traffic and page views.
- Collaborated seamlessly with cross-functional teams by integrating **GitHub** and **JIRA** into the workflow, resulting in a **20%** increase in project efficiency, efficient project tracking, and streamlined collaboration. Leveraged **MySQL** and **Docker** to manage and maintain data resources, enhancing database performance and scalability, while promoting a cohesive development environment.
- Showcased proficiency in **Adobe Illustrator** by designing and executing a captivating company logo, resulting in a remarkable **30%** increase in brand recognition among customers and stakeholders. This achievement significantly enhanced the company's identity and visual appeal.

### Front-end Developer Intern

#### Crew's Closet

📅 June 2020 – October 2020

📍 Toronto, Ontario - Remote

- Leveraged **Python**, **Java**, and **Spring Framework** to design and develop a high-performance e-commerce website from the ground up, utilizing **Shopify** as a foundation while incorporating best practices in **web design** and **UX/UI** principles. This initiative led to a substantial **33%** increase in sales and profitability for the business.
- Demonstrated proficiency in utilizing various **APIs**, such as **CashFree**, **Shyplite**, and **Multivendor Marketplace**, within the **Shopify** ecosystem, resulting in a remarkable **25%** improvement in website functionality and performance. This optimization also led to a **30%** increase in user satisfaction and engagement.
- Ensured code **quality** and **reliability** through rigorous **JUnit** testing, providing comprehensive test coverage and identifying and resolving issues promptly.