

# NISARG PATEL

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## Summary

Dynamic second-year Computer Engineering student at University of Ottawa (**9.1/10.0 CGPA**), adept in **Java, Python, HTML, CSS, and JavaScript**. Expertise spans **full-stack Web development** using **Node.js, Express, and MongoDB** and **Android App** development using **Java**. Seeking impactful internships to collaborate with industry leaders and elevate the world of Computer Engineering.

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**Programing Skills:** Java (Most Familiar), JavaScript, Python.

**Web/App development:** HTML, CSS, React.js, Node.js, Express.js, Android Studio.

**Libraries, Frameworks, Tools:** MongoDB, Bootstrap, JUnit, Git, GitHub, JIRA, Firebase, UML, SQLite, XML .

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## Education

**University of Ottawa**

**Sep-2022 to Present | Ottawa, ON**

*Bachelor of Applied Science in Computer Engineering (9.1/10.0) CGPA*

- Currently in second semester and advancing my knowledge in programing language such as Python, Java.
- Practiced advanced concepts of **Java (OOP)** and **Data Structures and Algorithms**, Computer architecture, Electronics, **Android App Development**, UML diagrams, Software Life cycle, **Agile Methodology** .

**Cambrian College of Applied Arts and Technology**

**09/2017 to 04/2019| Sudbury, ON**

*Industrial Mechanical Millwright Technician (3.86/4.00) GPA*

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## Projects

**PetHarmony Solo-project**( <https://github.com/nisarg3322/petharmony>)

**(July-August/23)**

- **A Pet Selling/Adoption Marketplace Full Stack Web App** (<https://petharmony.onrender.com>) facilitating pet adoption, sales, and user postings with targeted audience of about 50,000 people in Ontario.
- Implemented robust **user authentication** using **Passport.js** to ensure secure access and build user trust.
- Designed complex **relational models** and managed **model relationships in Node.js, Express.js, and MongoDB** for optimized data storage and retrieval. Utilized **EJS** for dynamic content presentation.
- Created **agile user/post schemas**, optimizing data structures for efficient handling of user-generated content.
- Integrated **method-override for RESTful routes**, enhancing data interactions and user navigation.
- Demonstrated adherence to **RESTful API principles** through a comprehensive **CRUD** architecture that enhances data interactions.
- Orchestrated **middleware** techniques and meticulous **error handling** for intuitive user journeys.
- Successfully **deployed the project on HEROKU** and database connected to **MongoDB Atlas**, showcasing coding expertise and a **holistic grasp of the project lifecycle**.

**Personal Portfolio Website** (<https://nisarg3322.github.io>)

**June- July/23**

- Leveraged my expertise in **HTML, CSS, and JavaScript** to craft a captivating personal portfolio hosted on **GitHub Pages**.
  - Demonstrating proficiency in version control through meticulous utilization of Git and GitHub to meticulously track progress.
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## Experience

**TD Canada Trust**

**05/2022 to 09/2022**

*Customer service representative*

- Maintaining solid customer relationships by handling questions and concerns with speed and professionalism
  - Resolving customer complaints, managing database records, drafting status reports on customer service issues
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## Awards

- 2x Dean's Honors list (Fall 2022, Winter 2022) (Issued by University of Ottawa) (**scored 9.1/10.0 CGPA**).
- 2x Merit & 1x Entrance Scholarship (**\$4000 Total value**)
- President honors award (Issued by Cambrian College) (Scored – 3.86/4.00)(**\$3000 Total value**)
- Employee of the Year (Issued by Carstar)