

Marmik Patel

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EDUCATION

Concordia University

Bachelor of Computer Science

Montreal, Canada

2026

WORK EXPERIENCE

Matrox Video

Montreal, Canada

Software Developer Intern

May 2024 - Dec 2024

- Developed features for IPKVM device management software using Java and C#, reducing support tickets.
- Integrated software with third-party applications, expanding product reach.
- Conducted performance testing, resolving critical bugs to improve system stability by 20%.
- Implemented automated testing suites using JUnit reducing regression bugs.

Root On

Montreal, Canada

Full-stack Software Developer Intern

Sep 2023 - Apr 2024

- Built a global web application using React, Node.js, and TypeScript, reducing bounce rate by 30%.
- Developed RESTful APIs to support front-end and back-end communication, ensuring data integrity.
- Implemented innovative features such as chatbot functionality and personalized user profiles to enhance the overall user experience of the web application, leading to a 30% reduction in bounce rate.

PROJECT EXPERIENCE

Task Management System

Java, springboot

- Developed a task management application using Java and Spring Boot, enabling team collaboration with role-based access control for managers and employees.
- Implemented features for task creation, assignment, and completion tracking, with user-specific permissions and secure login via Spring Security.
- Integrated front-end with Thymeleaf, Bootstrap, and jQuery for a responsive user interface, and used H2 for in-memory database management.

Portfolio Website

Typescript, React, NextJS, ChakraUI

- Built a personal portfolio website, which showcases my skills, projects, and experience as a developer.

Web Scrapper

Python

- Developed a Python-based web scraper using BeautifulSoup to extract and analyze deal listings from RedFlagDeals forums.
- Designed custom functions for specific data extraction, categorized deal URLs logged for future analysis.
- Demonstrated proficiency in web scraping, data extraction and UI design.

AI SOP Builder

Next.js, React, TypeScript, ChatGPT API

- Developed an SOP Builder tool to streamline the visa application process.
- Integrated ChatGPT API to dynamically generate personalized responses on user inputs.
- Enhanced tool functionality by managing complex logic and diverse user inputs, improving accuracy.

SKILLS

Programming: Java, Python, C, C#, Spring boot, Git, Jenkins, CI/CD, Docker

Web: HTML, CSS, JavaScript, Typescript, React, Node.js, Next.js