

# JAY PATEL

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## Outline

As a software development student at the Southern Alberta Institute of Technology, I am deeply engaged in mastering the principles of software design and development. With a dedication to my studies and a strong academic track record, I am eager to transition theoretical knowledge into practical applications. My educational journey has instilled in me a solid foundation in software development, and I am enthusiastic about the opportunity to contribute innovative solutions and fresh perspectives in a challenging software developer role.

## Skills

- **Programming Languages:** Proficiency in languages such as **Java, C#, JavaScript, Python, C++,** and **C** with **OOP** concepts as well.
- **Web Development:** Knowledge of **HTML, CSS, JavaScript, TypeScript,** and frameworks like **MERN Stack** and **Tailwind CSS**
- **Database Management:** Experience with **MySQL** and **MongoDB** database technologies
- **Version Control:** Familiarity with version control systems like **Git**
- **UI/UX Design Principles:** Understanding of **User Interface** and **User Experience** Design Principles
- **Mobile Development:** Developing applications in **Android Studio**
- **Software Testing and Debugging:** Skills in various testing methods such as unit testing, integration testing, and debugging techniques
- **Problem-Solving Skills:** Strong analytical and problem-solving abilities to tackle complex software issues with **DSA** and the practice of competitive programming

## Projects

- **Personal Portfolio Website:** A personal website designed to showcase my development projects and technical skills using **Next.js** framework with **HTML, JavaScript, CSS, Tailwind CSS** and **Framer-Motion**.  
– <https://jaypatelcodes.com>
- **Library Management System &**
- **Airport Ticket booking and Flight Management System:** Built using the **.NET Framework, C#** and **MySQL**. It features a book inventory module and flight-ticket booking model.
- **Car Rental System:** It's the first intermediate project made using **Java's OOP** concepts.
- **Secure Login/Signup System:** User authentication system for a web application recently designed using **Next.js, TypeScript, MongoDB**. It handles user requests, database communication, and API interactions to facilitate secure user registration and login processes.
- **Shopping Reward Points App:** Developed a **React Native** application designed to integrate with Point of Sale (POS) systems, enabling digital management of rewards and receipts for retail environments.
- **Virtual Assistant:** A project using **Python** and **GPT**.

## Education and Training

09/2022 –  
Expected in  
04/2024  
Calgary, AB

**Diploma Of Education in Software Development**  
**Southern Alberta Institute of Technology (SAIT)**

- Emphasizing practical coding skills and contemporary software solutions.

## Experience

### Best Buy

07/2023 – Current  
Calgary, AB

### Computing Solutions Advisor

- Provided technical assistance and expert guidance to customers on a wide range of computing products, including laptops, desktops, tablets, software, and accessories.
- Staying abreast of the latest technology trends and product releases to offer up-to-date and knowledgeable advice.
- Assisted staff with complex tech support issues, resulting in prompt resolution.
- Conducted product demonstrations and explained complex technical features in an easy-to-understand manner.
- Provided after-sales support and guidance on product usage and troubleshooting.

## Certifications

- Programming in C from Coursera.
- AWS Developer Associate (preparing)
- Git Essential Training from LinkedIn

## Activities and Honors

- Competitive Programming
- Volunteering in Coding Events
- Indian Classical Music
- Piano / Keyboard

## Accomplishments

- 842 Score on CodeForces
- 80%tile in JEE Mains Entrance Exam
- 2★ Coder on Codechef