

# Smit Patel

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## Education

### University of Windsor

*Masters in Applied Computing*

- The programs requires 4 or 8 months co-op/internship to graduate

May 2024 – Present

*Windsor, ON*

## EXPERIENCE

### Full Stack Web/App Developer

*BarodaWeb*

May 2023 – April 2024

*Vadodara, Gujarat, India*

- Collaborated with developers to transform visual designs into efficient, reusable Flutter widgets and React components, optimizing user experience and performance.
- Enhanced app performance by optimizing React components and contributing to Android development for seamless cross-platform functionality.
- Improved user satisfaction through continuous testing, refinement, and the implementation of best practices for code organization and state management.

### Web Developer (Intern)

*BarodaWeb*

January 2023 – April 2023

*Vadodara, Gujarat, India*

- Developed a comprehensive Restaurant Management System with online ordering, supporting user and admin profiles to streamline operations.
- Designed a contactless ordering process with QR code scanning and integrated payment functionality to enhance customer convenience.
- Implemented a valet parking feature post-payment and developed an admin panel with React and MySQL to optimize restaurant operations.

## PROJECTS

### Advanced Data Structures and Algorithms Integration | *Java, Selenium | Jira*

[GitHub](#)

- Developed a Java project integrating advanced data structures and algorithms, including **Boyer-Moore**, **Edit Distance**, **Merge Sort**, **Quick Sort**, **Trie**, **Cuckoo Hashing**, and **AVL Tree**, enhancing functionality and performance.
- Implemented key features such as **URL extraction** from text, **search frequency tracker** with self-balancing trees, and a **spell checker** using Cuckoo Hashing for fast lookups.
- Created a **user input processing** function, integrated **product sorting by ratings** with Quick Sort, developed a **car rental price analysis** feature, and utilized **Selenium** for efficient web crawling and pop-up handling.

### CryptoList | *ReactJS, ChakraUI, REST API, AWS Amplify*

- Built a responsive interface with **React.js** for real-time cryptocurrency tracking, fetching live prices through API calls.
- Leveraged **React hooks** (**useState**, **useEffect**) to manage state and side effects, optimizing app performance, while implementing dynamic charts for historical price trends.
- Developed the backend with **AWS Amplify**, ensuring seamless data storage and efficient handling of real-time updates and market analysis.

## TECHNICAL SKILLS

**Programming Languages:** C, Java, Python, TypeScript, JavaScript, Dart

**Database Systems:** MySQL, PostgreSQL

**Markup Languages:** HTML, CSS, SCSS, SASS, RESTful APIs

**Frameworks:** React, Flutter, Android

**Cloud Computing:** AWS

**Tools:** Microsoft Office, Visual Studio, Git, Firebase, Sublime Text, IntelliJ

## EXTRA CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Completed the certification course **Flutter & Dart - The Complete Guide** on ([Udemy](#)).
- Achieved certification as an **AWS IT Professional** from ([Coursera](#)).
- Completed **Python 101 for Data Science** from ([Cognitive Class \(IBM\)](#)).