(647)-390-9018 **Shrey Patel** [LinkedIn](https://www.linkedin.com/in/shreypatel2004/)

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**SUMMARY**

Passionate Full Stack Software Developer with a knack for crafting seamless front-end and back-end solutions. Eager enthusiast of trading, finance, and business realms, driven to integrate cutting-edge technology with financial innovation.

**TECHNICAL SKILLS**

* Frontend – JavaScript, React.js, Next.js, TypeScript, HTML, CSS, Bootstrap, Angular
* Backend – Node JS, Express.js, TypeScript, C#,
* DevOps – Azure, Git
* Database – MySQL, MongoDB, SQLite, Firebase

**EXPERIENCE**

**Software Developer Hemraj Corporation August 2023 – February 2024**

* Collaborated with a team of developers to design a responsive website for Hemraj Corporation.
* Designed a private software for managing company's inventory income and outcome.
* Acquired a strong knowledge about frontend and backend development.
* Coordinated with other team members to maintain and recheck the software with higher level authorities of the company.

**PROJECTS**

**Healthcare Appointment Booking System**

<https://github.com/shreyypatell/HealthEase.git>

* Led the development team in creating a robust healthcare appointment booking system.
* Utilized React.js for front-end development to ensure a user-friendly interface.
* Implemented MongoDB for efficient data storage and management.
* Leveraged JavaScript for dynamic and interactive functionalities.
* Employed HTML and CSS for structuring and styling the web application.
* Ensured seamless backend operations to optimize system performance and reliability.

**Python-Blockchain platform**

<https://github.com/shreyypatell/Python-Blockchain.git>

• Spearheaded the development of a comprehensive blockchain application, offering insight into decentralized ledger systems.

• Leveraged Python for backend logic, implementing fundamental blockchain functionalities such as block creation, transaction validation, and consensus mechanisms.

• Utilized Flask, a micro web framework, for building the blockchain node server and providing a user-friendly interface for interaction.

• Demonstrated proficiency in core blockchain concepts, including decentralization, cryptographic hashing, and distributed consensus algorithms.

• Ensured robust backend operations and system reliability, enhancing the project's scalability and performance.

**Racing Legends Game**

<https://github.com/shreyypatell/Racing-Legends.git>

* Spearheaded the development process of the Racing Legends game.
* Utilized C# as the primary programming language for backend development.
* Employed MonoGame framework to facilitate efficient game development and deployment.
* Implemented backend management systems to handle game logic, physics, and other functionalities.
* Ensured optimization of backend processes for smooth gameplay and performance.
* Managed deployment processes to make the game available to players across different platforms.

**Expense Tracker App**

<https://github.com/shreyypatell/Expense-Tracker.git>

* Architected a comprehensive expense tracker application using Java as the primary programming language.
* Utilized XML for defining the layout and structure of the user interface within Android Studio, ensuring a responsive and visually appealing design.
* Integrated Firebase or SQLite as the backend database solution for efficient storage and retrieval of expense data.
* Implemented features for expense management, including adding, editing, deleting, and categorizing expenses, leveraging Java's object-oriented capabilities.
* Utilized Android Studio's development environment for building, testing, and debugging the application on Android devices.
* Incorporated reporting functionalities to generate insightful reports on expense trends and patterns, providing users with valuable insights into their spending habits.
* Ensured data security and synchronization across devices by implementing appropriate data handling mechanisms with Firebase or SQLite.

**UX Projects**

* Conducted user research to understand needs and pain points, informing design decisions.
* Developed wireframes and prototypes to visualize interface and gather feedback early.
* Iteratively improved design based on usability testing and user feedback to enhance user experience.

**SKILLS**

* Practised and worked on multiple programming language
* Can maintain and create server-side database with deep knowledge about MongoDB and MySql
* Capable of creating UX prototypes and designs to enhance user experiences.
* Proficient in Azure cloud technologies.
* Experienced with both Windows and Linux operating systems.
* Skilled in handling various data formats and APIs including JSON, XML, and REST APIs.
* Strong written and verbal communication abilities.
* In-depth understanding of software design principles and fundamentals
* Ability to undertake strategic and technical decisions as per business needs
* Proficient in working efficiently in a collaborative environment
* Ability to debug programs effectively, in-depth knowledge about report builder

**EDUCATION**

***Computer Programming*** Jan 2023 – April 2024

Diploma of Education

Conestoga College, Ontario, Canada