

# DARSHIL PATEL

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Ahmedabad, 382350

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## PROFILE

- Proficient in designing and developing blockchain applications on Hyperledger Fabric and Ethereum platforms. Skilled in implementing smart contracts and decentralized applications using Solidity.
- Led the development and maintenance of blockchain solutions, ensuring secure and efficient systems. Utilized React JS and Node JS to build user-friendly and secure web applications.
- Technologically Proficient: Extensive technical skills in programming languages such as C, C++, Java, Python, Golang, and Solidity. Skilled in working with databases like MySQL, MongoDB, and CouchDB. Proficient in tools and frameworks including GitHub, Jira, Visual Studio, Eclipse, and PyCharm. Experienced in Linux, OS X, UNIX, and Windows operating systems.

## TECHNICAL SKILLS

- **Programming Languages:** C, C++, Java, Python, Golang, Solidity
- **Database Systems:** MySQL, MongoDB, CouchDB
- **Web Technologies:** HTML5, CSS3, JavaScript, ReactJS, NodeJS
- **Data Analytics Tools:** Microsoft Excel, Tableau, PowerBI, Hadoop, Apache Spark,
- **Tools:** GitHub, Jira, Visual Studio, Eclipse, PyCharm
- **Operating Systems:** Linux, OS X, UNIX, Windows
- **Methodologies:** SDLC (Agile, Waterfall, Iterative, Scrum)
- **Professional:** Good communication, multitasking, and organizational

## EDUCATION

### Master of Applied Computing

University of Windsor, Windsor, Ontario

- CGPA: 8.50

Sep 2022-Dec 2023

### Bachelor of Computer Engineering

L.D.R.P Institute of Technology and Research, Gandhinagar, Gujarat, India

- CGPA: 8.28

Aug 2017 - Apr 2021

## RELATED WORK EXPERIENCE

Freelance Blockchain Developer

Dec 2022 - Present

- Specialized in smart contract development for web3 games, creating decentralized applications that enhance user engagement and provide secure, transparent gaming experiences.
- Developed and implemented a blockchain-based opinion poll system, leveraging smart contracts to ensure tamper-proof voting and results aggregation.
- Utilized technologies like Solidity for Ethereum smart contracts and integrated with various blockchain networks to support diverse web3 applications.
- Worked independently, managing projects from concept to deployment, including requirement gathering, design, coding, testing, and maintenance.

## Blockchain Developer

Sep 2021 - Apr 2022

Inferenz Tech Private Limited, Ahmedabad, India

- Designed, developed, and maintained two blockchain applications and smart contracts and decentralized applications, using Hyperledger Fabric and Ethereum blockchain platform.
- Facilitated integration of blockchain solutions with existing systems, including MySQL databases and APIs, to ensure seamless operation and data exchange.
- Conducted **one research of web3 technology in decentralized finance** and maintained technical documentation.

## React JS Intern

Dec 2020 - Apr 2021

Ping DR, Ahmedabad, India

- Built a responsive e-commerce site with ReactJS, enabling thousands of users to effortlessly shop, purchase, and track orders.
- Implemented state management using Redux for 20+ components for efficient data flow between components.
- Implemented nested routes and protected routes, enabling users to access specific content based on authentication status and improving overall application security.

## PROJECT EXPERIENCE

### Title of Project: NFT Marketplace

Jan 2022 - Mar 2022

Inferenz Tech Private limited, Ahmedabad, India

- **Technologies: Solidity, ReactJS, Remix, MetaMask, Moralis**
- Designed and developed an NFT marketplace platform leveraging ReactJS and Moralis to enable users to securely store, display, trade, and create NFTs using blockchain technology.
- Integrated MetaMask with a ReactJS application, empowering users to create a wallet and securely engage with application through blockchain technology, resulting in a 40% increase in user engagement.
- Leveraged the Truffle framework and Ganache to deploy and test smart contracts for a blockchain-based application, resulting in a 50% reduction in development time.

### Title of Project: Medi-Tracker

Nov 2021 - Jan 2022

Inferenz Tech Private Limited, Ahmedabad, India

- **Technologies: Hyperledger Fabric, Golang, ReactJS, NodeJS**
- Built applications with Hyperledger Fabric, NodeJS, and ReactJS to provide a secure and transparent platform for tracking origin and distribution of medical products.
- Incorporated advanced tracking and tracing features, such as QR code scanning to verify authenticity and integrity of medical products, resulting in a 50% reduction in counterfeit medicine products being sold in market.
- Created an intuitive and user-friendly interface for an application using ReactJS, resulting in a 50% increase in user engagement and satisfaction.
- Integrated NodeJS with Hyperledger Fabric to streamline communication between application and blockchain network, resulting in a more efficient and flexible data flow process.

## CERTIFICATE COURSES

- Full-Stack Web-Developer by LinkedIn Learning (2023)
- Introduction to MongoDB by LinkedIn Learning (2023)
- Software Architecture: From Developer to Architect (2022)
- Software Architecture: Domain-Driven Design (2022)