

# Himanshu Chauhan

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## Experience

### **Full Stack Intern, United Protocol**

May 2023 – May 2024

Auckland, New Zealand (remote)

- Developed web and desktop applications using React, Next.js, Electron JS, and Tauri with MERN stack.
- Implemented blockchain solutions, including smart contract deployment on Binance Smart Chain.
- Explored cutting-edge technologies like Unreal Engine Pixel Streaming for diverse projects.
- Contributed to AI-powered applications and cryptocurrency platforms, expanding technical skills.

### **Frontend Developer, WhatBytes**

Jun 2024 – Oct 2024

Ontario, Canada (remote)

- Developed and optimized a high-performance Svelte-based application handling 70,000-100,000+ weekly users.
- Implemented frontend solutions using Next.js and React.js with server-side component integration.
- Designed custom Google and Facebook analytics dashboards for enhanced data visualization.
- Collaborated on UX improvements, focusing on responsive design and performance optimization.

### **Full Stack Web and App Developer, United Protocol**

Dec 2024 – present

Auckland, New Zealand (remote)

- Developed an AI-powered, blockchain-based browser using React Native, Expo, Node.js, and MongoDB.
- Implemented a decentralized history storage system leveraging IPFS and BNB blockchain for secure, encrypted user data management.
- Designed and deployed smart contracts for advanced data encryption and seamless integration with blockchain networks.
- Added scalable webhooks to ensure high performance, enhanced security, and real-time notifications across the application.
- Optimized application architecture to support cross-platform functionality and scalability for global users.

## Education

### **St. Vincent Pallotti College of Engineering and Technology**

2022 – present | Nagpur, India

### **B.Tech In Computer Science and Technology**

- Mentored students in frontend development, enhancing HTML, CSS, and JavaScript skills.
- Contributed to E-Yantra initiative (IIT Bombay) robotics.

## Skills

### Languages, Frameworks, and Libraries:

- JavaScript, ReactJS, NextJS, React Native, Solidity, Fastn, Svelte, NodeJS, MongoDB, ExpressJS, ElectronJS, Tauri

### CSS Frameworks:

- Bootstrap, Aceternity UI, TailwindCSS, Chakra UI, ShadCn UI

## Technology & architecture

- Led implementation of Unreal Engine Pixel Streaming, enhancing immersive web experiences and designing high-performance application architectures.
- Developed scalable architectures for high-traffic web apps, integrating blockchain solutions with smart contract deployment on Binance Smart Chain and Node.js.

## Projects

### Quotient [🔗](#)

- Built a writing app that lets users create write-ups, organize them into labeled collections, track analytics, and manage content efficiently through an intuitive, responsive interface powered by **Prisma ORM** and **NeonDB**.

### Revio [🔗](#)

- Real estate web application built with Next.js, Axios, and RapidAPI for property data fetching.

### CryptoRealms [🔗](#)

- Crypto-based web app using **ReactJS**, **RTK Query**, and **RapidAPI** for top crypto coins data.

### Portfolio Website [🔗](#)

- Interactive portfolio site developed with **Next JS**, **TypeScript**, ThreeJs, Mapbox.

### Muchas [🔗](#)

- Map-based app using **React**, **TypeScript**, **Shadcn**, and **TailwindCSS** with a scalable backend in **Node JS** and **Appwrite**.