

SAMRATH SINGH

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Professional Experience

Fullstack Web3 Developer

Dyeus

Remote 08/2022 - 08/2024

- Developed K-Mail, a decentralized **email platform** for secure wallet-to-wallet communication using **Solidity** and **Express.js**
- Implemented full-stack architecture with **Prisma ORM**, **JWT** authentication, and **Solidity** smart contracts
- Engineered a pioneering crypto play-to-win game on the **Godwoken** chain, incorporating innovative tokenomics and **NFT-based** rewards
- Integrated a network **bridge** boosting token exchange volume by **20%**, enhancing user experience and liquidity

Projects

Next.js Admin & Web application

PizzaBaaz

[View Live](#)

- Developed a **mono-repo** project with admin, web, and super-admin apps for restaurant management
- Implemented **SSR** for enhanced performance and **SEO**, built a customizable admin panel with Next.js and TypeScript, allowing restaurant owners to create websites, manage content, & integrate **PayPal/Stripe** payments
- **Utilized** Next.js, React.js, Typescript, Zustand, React Query, ShadcnUI, TailwindCSS

Web3 Application

CryptoAce

[View Live](#)

- Built a Web3 cryptocurrency app with the "Ace Token", an autonomous **ERC-20 utility token**
- Designed and developed a decentralized **lottery game** with peer-to-peer and solo competition modes
- **Utilized** React.js, TailwindCSS, Solidity, Hardhat, Truffle, Ganache, Netlify

Fullstack E-commerce Application

FreshoStore

[View Live](#)

- Developed a feature-rich **e-commerce** app for food and beverage purchases
- Integrated an **admin panel** with a product management **dashboard** for easy category and inventory control
- Integrated **Firebase** for shopping, cart management, and secure payment processing using **Stripe**, **OAuth** for authentication
- **Utilized** React.js, TailwindCSS, Firebase, Framer Motion, TypeScript, React Router, Vercel

Education

BE CSE

Chandigarh University

India 08/2018 - 05/2021

- Bachelor of Engineering in Computer Science

Skills

- **Frontend:** Next.js, React.js, Redux, Zustand, HTML5, CSS3, TailwindCSS, Shadcn, MUI, RadixUI, React Query (Tanstack)
- **Backend:** Node.js, Express.js, Prisma, MongoDB, FastAPI, Netlify, Vercel, Heroku Cloud
- **General:** Typescript, Python, Javascript, Git, Github, Linux, Postman, API Dog, Figma, Adobe XD, Docker
- **Languages:** English, Hindi, Punjabi

Others

- **UI/UX Specialization** course over 300+ hours by **CalArts**
- **Coursework:** Data Structures, Algorithms, OS, Artificial Intelligence
- **Deep Learning Specialization** by **DeepLearning.ai**