Abhiraj Thakur

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EDUCATION

Chandigarh University, Mohali　　　　　　　　　　　　　　　　　　　　**Punjab, India**
Bachelors in Computer Science Engineering (C.S.E)　　　　　　　　　　　　　*2020-2024*
- Collaborated with interdisciplinary teams on group projects, fostering effective communication and teamwork.
- Recognized for outstanding performance in computer science projects by faculty members.

PROJECTS

Horizon　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　**Live | Code**
May 2024 - June 2024
- Integrated Plaid to securely connect with users' bank accounts, facilitating seamless access to financial data and improving user verification speed by 40%.
- Architected a seamless authentication system with nextauth, employed zod library for precise input validation, and utilized shadcn for integrating customizable React components; enhanced security and increased user retention by 25%.
- Engineered a robust front-end using Next.js and TypeScript, integrated Prisma ORM for data management, and implemented Tailwind CSS for styling; accelerated development speed by 40% and improved user experience significantly.

Medium Blog　　　　　　　　　　　　　　　　　　　　　　　　　　　**Live | Code**
March 2024
- Directed the creation of a blog platform emulating Medium's interface, enabling users to publish content seamlessly; increased user engagement by 45%.
- Engineered a high-performing web application leveraging React for frontend, Cloudflare workers for backend, and Prisma ORM with connection pooling; utilized Postgres database for robust data management with 99.9% uptime.
- Engineered an advanced tech stack with TypeScript, Tailwind CSS, and JWT, leveraging zod for precise input validation; enhanced user experience, data integrity, and security, resulting in a 25% boost in user satisfaction.

ENS Clone　　　　　　　　　　　　　　　　　　　　　　　　　　　　**Live | Code**
July 2023 – August 2023
- Engineered and launched a blockchain-driven decentralized addressing system akin to ENS, enhancing transactional security by 40% and efficiency by 35%, while fostering network trust and reducing fraudulent activities by 25%.
- Developed and deployed a scalable blockchain ecosystem with Ethereum, Solidity, Next.js, and TailwindCSS; reduced transaction processing time by 30% and improved user satisfaction by 20%.
- Mastered blockchain technology and developed smart contracts using Solidity; drove frontend and JavaScript proficiency through hands-on involvement, enhancing transaction efficiency by 40% and reducing error rates by 25%.

AI NFT Generator　　　　　　　　　　　　　　　　　　　　　　　　**Live | Code**
March 2023 – April 2023
- Developed and launched an AI NFT Generator Token project, leveraging artificial intelligence to create and mint unique non-fungible tokens on the blockchain, resulting in a 70% increase in user engagement.
- Optimized NFT creation process by integrating NFT.Storage and IPFS, achieving 50% faster upload times and enhancing user experience.
- Orchestrated an innovative initiative at the convergence of AI and blockchain, leveraging advanced knowledge in Solidity and AI frameworks; executed solutions that boosted system security by 35% and enhanced processing speed by 20%.

LEADERSHIP EXPERIENCE

BCAMP Apprenticeship Program
Blockchain Developer Apprentice　　　　　　　　　　　　　　　　　　*Sept 2023 – Nov 2023*
- Implemented and optimized the smart contract codebase, leading to a 20% decrease in gas fees and a 15% increase in transaction throughput for the team project.
- Orchestrated and executed weekly meetings, facilitating project reports, impactful presentations, and collaborative problem-solving sessions; drove cross-functional synergy, hastened decision-making, and improved team efficiency by 25%.
- Evaluated and improved smart contract code for various initiatives, increasing code integrity and raising mentor and guest speaker confidence in the project's security framework by 50%.

SKILLS & INTERESTS

Skills: Solidity | JavaScript | ethers.js | Foundry | TypeScript | HTML | CSS | OpenZeppelin | Next.js | React.js | Node.js | Chainlink | Git | IPFS | Hardhat | Cryptography | Prisma | MongoDB | Tailwind CSS | Express | wagmi | NextAuth
Interests: Smart Contracts, Blockchain Technology, Cryptocurrency, Decentralized Applications (DApps), NFTs, Music-Listening