

Bhanavi Goyal

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Lakhimpur-Kheri, Uttar Pradesh - 262701, India

EDUCATION

- **Thapar Institute of Engineering and Technology** Nov 2022 - July 2026
B.E. - Electronics and Computer Engineering Patiala, Punjab, India
 - CGPA: 8.53/10.00
- **St. Don Bosco Senior Secondary School** June 2021
12th Lakhimpur Kheri, U.P., India
 - Grade: 94.2%
- **St. Don Bosco Senior Secondary School** May 2019
10th Lakhimpur Kheri, U.P., India
 - Grade: 94.2%

PROJECTS

- **Web3 SAAS (A website for youtubers to increase there click rate)** Sep 2024
Tools: Next.js, Tailwind, Web3.js, Express.js, AWS, Prisma, Postgresql [\[G\]](#)
 - Developed a comprehensive thumbnail voting system designed to significantly enhance YouTube content engagement and improve video click rates. This system allows YouTubers to upload multiple thumbnail options and gather feedback from their audience, thereby increasing the likelihood of higher click-through rates.
 - Implemented a Solana-based payment integration for secure and transparent transactions. YouTubers are required to pay 1 SOL to upload a thumbnail. This model not only secures the transaction but also incentivizes user participation, creating a balanced ecosystem for feedback and compensation.
 - Applied AWS S3 Bucket and CloudFront technologies to generate presigned URLs for secure image upload and significantly reducing latency and improving the overall user experience.
- **Centralized-Decentralized Exchange (Let's user swap, transact tokens)** Aug 2024
Tools: Next.js, Tailwind, Web3.js, Prisma, Postgresql [\[G\]](#)
 - Created a centralized-decentralized cryptocurrency exchange platform that simplifies the trading process for users by allowing them to sign in with their Google Accounts.
 - Integrated NextAuth for secure authentication and centralized management of user credentials, ensuring robust security for user accounts.
 - Enabled users to store and manage multiple cryptocurrencies, including SOL, USDC, and USDT, in their wallets associated with their Google accounts. The platform supports various functionalities such as balance tracking and swapping currencies, enhancing overall usability.
 - Applied Web3.js for executing decentralized cryptocurrency swaps, ensuring that all transactions are processed directly on the blockchain.
- **Wallet (Create your wallet on Solana Blockchain)** July 2024
Tools: React, Express, web3.js [\[G\]](#)
 - Developed a web-based HD wallet platform on the Solana blockchain that allows users to generate and manage multiple wallets from a single private key. This feature enables users to handle a variety of digital assets efficiently, offering enhanced flexibility and control over their cryptocurrency holdings.
 - Integrated real-time balance checking capabilities to provide users with up-to-date information about their wallet balances. The platform's balance checking feature ensures that users can easily track their holdings and manage their finances effectively.
 - Designed a responsive and user-friendly interface using Next.js and Tailwind CSS to improve the overall user experience.

SKILLS

- **Programming Languages:** C++, Python
- **Web Technologies:** React, Node.js, Next.js, HTML/CSS, Javascript, Tailwind, Express.js, web3.js
- **Database Systems:** MySQL, Postgresql, MongoDB
- **Cloud Technologies:** AWS
- **DevOps & Version Control:** Git, Docker, GitHub
- **Other Tools & Technologies:** VS Code, Postman

ADDITIONAL INFORMATION

Languages: English (Fluent), Hindi (Native)