

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: 8.74/10.00
- **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 
 - Developed a comprehensive thumbnail voting system designed to significantly enhance YouTube content engagement and video click rates by uploading multiple thumbnails by gathering feedbacks from users.
 - YouTubers are required to pay 1 SOL to upload a thumbnail. This model 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.
- **Centralized-Decentralized Exchange (Let's user swap, transact tokens)** Aug 2024
Tools: Next.js, Tailwind, Web3.js, Prisma, Postgresql 
 - 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 SOL, USDC, and USDT, in their wallet associated with their Google account. The platform supports various functionalities such as balance tracking and swapping currencies.
 - 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, Javascript 
 - 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.
 - Integrated real-time balance checking capabilities to provide users with up-to-date information about their wallet balances to 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)