

Ankit Singh

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EDUCATION

Chandigarh University

COMPUTER SCIENCE

ENGINEERING

July 2020 - Jun 2024

College of Engineering

COURSEWORK

Certifications/Badges

- [Bitcoin for Everybody](#)
- [Bitcoin for Developers I](#)
- [Crash Course on Python](#)
- [Postman Student Expert](#)

SKILLS

Programming

- JavaScript/TypeScript • NodeJs
- Python/Django (Basic) • web3js
- HTML/CSS • Tailwind CSS
- etherJs • expressJs

Frameworks/Tools

- React • Next.js • Chakra UI • Git
- ShadCn • Swagger • NestJS
- Bash/Zsh • CLI Tooling

Database & Deployment

- PostgreSQL • MongoDB • Neo4j
- Vercel • GitHub • Docker
- Clouds(AWS & GCP) • Cloudflare

MISCELLANEOUS

- API Hacks Organizer
Built API Hacks website, reached out for sponsorships, and assisted in judging, demonstrating both technical and leadership abilities.
- Hackathon Winner
Won top 10 prize at Monday Hack. Built a learning platform using Monday OS. [Project on devpost](#).
- Community Work
 - As a Postman Student Expert, guided developers on API literacy and best practices.
 - Published technical tutorials on [Medium](#) sharing learnings on web development and blockchain.
 - Mentored in a hackathon at my college and at ICP hackerhouse.

EXPERIENCE

Router Protocol (SOFTWARE DEVELOPER)

March 2024 – March 2025 | Full Time, Remote

- Developed [Router Nitro v2](#) using Next.js, TypeScript, Tailwind, and ShadCN, improving the cross-chain swap experience.
- Implemented modular architecture with reusable components, reducing code redundancy and enabling faster integration of new blockchain networks.
- Built the [CEX withdrawal](#) feature end-to-end, attracting 60+ users on launch day and enabling direct bridging across 30+ blockchain networks.
- Managed and upgraded rewards backend using NestJS and PostgreSQL with optimized batch operations, safe access to API's and improving query performance by about 40%.
- Collaborated with the team to develop [Tangled SDK](#) to abstract multichain complexity with clean APIs, reducing integration time from weeks to days.

ThirdFi (DEVELOPER RELATIONS/ADVOCATE)

April 2023 – September 2023 | Full Time, Remote

- Created comprehensive [Product](#) and [API Documentation](#) with sample applications to improve developer onboarding.
- Authored [technical blogs](#) explaining DeFi concepts and API implementation patterns.
- Developed a [Postman Workspace](#) with examples for ThirdFi APIs to streamline integration.
- Contributed to the launch of DEX ([DerpDEX](#)) on zkSync and Base chain.
- Created technical documentation for DerpDEX protocol using [Gitbook](#).

PROJECTS

[safe-deploy \[NPM Package\]](#) [JAVASCRIPT, NODE.JS, SOLIDITY, WEB3.JS]

- Designed an NPM package that eliminates the need for private keys in development environments, enhancing security.
- Built a command-line interface with intuitive option parsing for improved developer experience, making it easy to deploy EVM contracts.
- Optimized the deployment workflow by enabling individual Solidity file deployment.
- Package has 500+ downloads on NPM: npmjs.com/package/safe-deploy.

[Share-on-Network](#) [NEXT.JS, NODE.JS, TAILWINDCSS]

- Created a file-sharing web app that allows users to share files over a local network using a Next.js server actions(released with Next v14).
- Leveraged Next.js Server Actions to enable seamless server-side file sharing without external dependencies, using local machine as server.
- Enabled network-wide access by running a local development server accessible through the device's IP address.
- Users connected to the same WiFi/LAN network can access shared files using the format: `http://<IP-Address>:<Port>`.

[Solana Shadii](#) [REACT.JS, SOLANA BLOCKCHAIN, WEB3.JS, RUST]

- Led frontend development for a blockchain-based wedding registry platform on Solana.
- Optimized data transmission patterns to reduce transaction costs significantly.
- Engineered a secure transaction system with an average cost of only \$0.2 in SOL tokens.
- Collaborated with team members to deliver a functional product for a hackathon.

[Type-It-All](#) [REACT, RESTFUL APIS, TAILWIND CSS]

- Developed a web app for measuring typing speed with a one-minute test.
- Integrated an API to fetch random paragraphs, ensuring a varied user experience.
- Added social sharing functionality allowing users to share typing statistics on Twitter/Facebook.
- Deployed the application on Vercel for reliable hosting and performance.