

AGASTYA GAUR

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EDUCATION

Graphic era hill university

Bachelor of Technology in Computer Science Engineering CGPA:7.9

Aug 2020 – July 2024

Uttarakhand

EXPERIENCES

Datarishi

SDE Intern

Mar-2025 – Present

On site

- Integrated **Solana Blinks** into the website, enabling direct on-chain interactions from platforms like X (Twitter).
- Developed and deployed Solana smart contracts in **Rust**, and built secure Node.js backend services to support on-chain interactions.
- Contributed to building a crypto/sports **trading algorithm**, predicting market movements to generate profitable trades.

Greenstand

SE Contractor

Jan-2025 – Mar-2025

Remote

- **React Native** Developer at Greenstand, building the Treetracker Wallet App. Enabling users to securely send and receive digital tokens with just a few taps.
- Leading the product design for the wallet, ensuring a seamless user experience and interface for the Treetracker **Wallet App** to ensure seamless usability and functionality.

Freelancer/Open source

Fullstack dev

Aug-2024 – Present

Remote

- [ctrl org](#) : Integrated web3 wallet solutions (Metamask, coinbase Wallet) in a **Telegram bot** for seamless access.
- [ggithubstreak.com](#) : Added a feature for Github comparison using memes, improving user engagement **by 15 %**
- Collaborated on multiple open-source projects involving **Puter** (operating system) , **care-fe** , **devb.io** , Also created PoCs and MVPs for clients, such as an arbitrage calculator in **Rust** and a Solana price tracker.

PROJECTS

Bridge-Chain | [React.js](#), [Nodejs](#), [Solidity](#), [Foundry](#), [Wagmi](#), [Alchemy](#) | [Code](#)

Dec 2024 – Feb 2025

- Implemented a secure and efficient cross-chain token bridge, enabling seamless transfers of custom tokens between blockchain networks using smart contracts written in **Solidity**.
- Engineered a robust nodejs backend for monitoring blockchain events, alongside developing a React-based frontend with wagmi integration for seamless user interaction and **real-time** blockchain communication.
- Implemented comprehensive **tests** for cross-chain bridge smart contracts using the **Foundry** framework.

Swap Coin | [Reactjs](#), [Solidity](#), [web3.js](#), [Ethers.js](#) | [Code](#)

Nov 2024 – Jan 2025

- Developed a decentralized staking platform that allows users to stake **ERC20** tokens, generating rewards per second through a smart contract written in Solidity and deployed on the **Sepolia** testnet.
- Built a responsive Web3 frontend using React.js and **Ethers.js** to enable seamless wallet integration, token approval, staking, and reward claiming functionality.

Gamble7 | [ReactJs](#), [NodeJs](#), [Prisma](#), [Postgrase](#), [Razorpay](#) | [Link](#) [Code](#)

Nov 2024 – Dec 2024

- Deployed the betting website, where user can play different game and bet the amount available in their wallet.
- Developed a secure and efficient wallet feature using **Razorpay**, ensuring real-time updates through **webhooks**.

TECHNICAL SKILLS

Languages: Java, C, C++, Javascript, React, Solidity, MySQL, Python, Go, Rust

Developer Tools: VS Code, Firebase, MongoDB, Postgrase, Github, Ipfs, Superbase, Prisma

Relevant Coursework: Data Structures and Algorithms, Computer Networks, Devops,OS, Blockchain

Technologies and Frameworks: HTML/Css, Node.JS, Express, Hardhat, Foundry, Anchor, Expo, Wagmi