Saksham Tyagi

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Experience

FEB 2024 – JULY 2024

UI/UX Designer – Lead Designer / IKnowSpots, IN
- Created and prototyped Web2 and Web3 user interfaces using Figma.
- Orchestrated joint review sessions with dev teams, ensuring UI was implemented according to design specifications, which resulted in a 35% reduction in post-launch bug reports related to UI issues.
- Optimized designs for responsive viewing, leading to a 20% increase in mobile engagement.

MAY 2023 – JUNE 2024

Frontend Developer / Elixir Tech Community, IN
- Architected and optimized responsive websites using React and Tailwind UI, improving cross-browser compatibility and ensuring consistent performance on over 10 different devices and screen sizes, enhancing overall accessibility.
- Improved site performance by 30% by optimizing React components.
- Enhanced the user experience through seamless UI interactions and cross-browser compatibility.

Skills

• Programming Languages: C, C++, Python • Frontend: JavaScript, React, Tailwind UI, Next UI • Web3: Solidity, Hardhat, Ethers.js • Design: Figma, Adobe Illustrator, Adobe Photoshop • Version Control: Git, GitHub • Video Editing: Adobe Premiere Pro

PROJECTS

RainRelief – Automated Rain Incentive System
• developed a decentralized platform using Next.js, Ethers.js, and Solidity to automate government incentive distribution for farmers based on rainfall data.
• developed a smart contract to manage 100+ ETH in incentives, registering farmers, calculating payments for rainfall deficits, and facilitating direct withdrawals via wallets.

FundMe – Crypto Manger
• Curated a block chain-based solution for managing cryptocurrency using Solidity and EtherJs.
• Ensured seamless interaction between the frontend and smart contract ABI.
• Delivered a secure and fully functional application that reduced transaction time by 15%.

Education

2022-2026

B-Tech in Electrical & Computer, Minor in Data Science / ABES Engineering College, Ghaziabad, India