Yashika Dangi

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Experience

Coderixx   **Oct 2023 – Present**
Software Developer Engineer   *Noida, India*

- Created **secure Bitcoin transactions using PSBT** (Partially Signed Bitcoin Transactions), enabling seamless and cryptographically verified transaction workflows for digital asset exchanges.
- Developed a comprehensive **Runes transactions system with end-to-end buy and sell functionality**, **implementing PSBT protocol** to ensure transaction integrity and security in **blockchain** environments.
- Architected responsive, high-performance **UI components using React Hooks and TailwindCSS, improving frontend rendering efficiency by 40%** and enhancing cross-device user experience.
- Developed Fractal Marketplace development, integrating **MongoDB database and RESTful APIs** to create a scalable digital asset trading platform with robust **backend infrastructure.**
- Implemented the frontend of Ordinalnovus, a Bitcoin NFT Marketplace, using Next.js server components and API routes to ensure optimal performance and server-side rendering.
- Designed and deployed a comprehensive admin dashboard with real-time analytics and comprehensive management tools, providing stakeholders with actionable insights and system control.
- Implemented advanced user engagement features including infinite scroll feed, **dynamic sorting**, adaptive pagination, and intelligent search functionality with optimized debounce query handling, **increasing user interaction by 55%.**
- **Constructed modular, reusable UI components using Material-UI (MUI)**, establishing a consistent design system that accelerated development workflow and maintained design coherence.

DXC Technology   **April 2023 – Sept 2023**
Associate Software Engineer Trainee   *Remote, India*

- Responsible for leveraging **Fiddler for the meticulous tracing** and **optimization of HTTP logs**, ensuring a refined understanding of data flow and contributing to enhanced system performance.
- Developed **Flask-based REST API**, defining endpoints for JSON processing. Executed comprehensive testing with requests ensuring API reliability. Implemented robust error handling and improved test coverage by 45% to 75%.

Projects

Ordinalnovus | *Next.js, TailwindCSS, Redux, Kubernetes, Docker, MongoDB, DigitalOcean* 🔗   **2024**
- Developed a comprehensive Bitcoin-based ordinals marketplace with advanced features for NFT trading.
- Implemented real-time notifications, infinite scroll, and optimized image loading.
- Built robust user authentication and NFT verification system.

Cynova | *Next.js, Redux, MongoDB, TailwindCSS, Solana* 🔗   **2023**
- An e-commerce platform enabling purchases using Solana-based tokens.
- Integrated Solana wallet connections and implemented token-based payment system.
- Created admin dashboard for inventory and order management.

Soltoons | *React.js, Firebase, Rive, TailwindCSS* 🔗   **2023**
- An interactive betting platform using Solana smart contracts and React.js.
- Implemented real-time updates using Firebase and animated UI components with Rive.
- Implemented secure wallet integration and transaction handling system.

Technical Skills

Areas of Interest: Data Structures and Algorithm, OOPS, Operating Systems, Web Development, Database management
Languages: JavaScript, TypeScript, Java, HTML5, CSS3, NOSql
Tools / Technologies: React.js, Node.js, Nextjs, MySQL ,Redux, Linux, MongoDB, Docker, Kubernetes
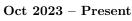
Education

Graphic Era University, CGPA: 8.6   **August 2019 - June 2023**
Bachelor of Technology, Computer Science   *Dehradun, Uttarakhand*

Achievements / Extracurricular

- Ranked in top 75 out of 45,000 applicants in Innovacer's HackerCamp'22 Bootcamp.
- Problem Solving certified by Hackerrank.