

KRISHNA AGARWAL

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Skills

- C | C++ | HTML | CSS | JavaScript | Tailwind CSS | React | Next | Redux | NoSQL | FastAPI | MongoDB | SQL | Git | Github | Next-Auth
- Frontend | Backend | Full-Stack | English, Hindi – *All professional proficiency or above*

Education

Bachelor of Technology Shri Shankaracharya Technical Campus *Chhattisgarh, India* *Sep 2020 - Current*

- Computer Science and Engineering | CGPA: 8.77/10

High School Holy Cross Byron Bazar *Chhattisgarh, India* *Mar 2019 - 2020*

- 12th PCM | Percentage: 88% • 10th PCM | Percentage: 85%

Experience

Software Developer Intern Blockchain Innovation Pvt. Ltd. *Raipur, Chhattisgarh* *Jun 2023 - Current*

- Collaborated with the design team to create the frontend for Block-Right and SmartLoans projects using React.js and Tailwind CSS, and efficiently integrated APIs with FastAPI for the backend.
- Integrated third-party APIs to display NFT metadata for wallet holdings and contributed to implementing a QR Code Authentication System for NFT printed merchandise, enhancing security and trust. Collaborated closely with the development team on these projects.
- Assisted in the integration of APIs and third-party services to enhance the functionality and usability of web applications

Projects

- **Blockright:**

Blockright transforms digital NFTs into physical merchandise. NFT holders can mint and sell their unique items through our platform. Each product comes with a QR code for authenticity verification, ensuring trust and transparency for consumers.

- Led "Blockright" platform development from inception to fully developed, contributing to frontend and backend. Utilized React.js and Tailwind CSS for responsive UI and FastAPI for backend. Achieved seamless integration for optimal user experiences.
- Developed a secure invoice QR code authentication system to confirm the authenticity of purchased merchandise. This feature allows consumers to scan product tags for instant ownership verification, enhancing trust and transparency in the NFT merchandise ecosystem.

- **SmartLoans:**

Smartloans enables staff and admin users to efficiently manage customer loans and access detailed customer information about their loans.

- Implemented protected routes in the React frontend to ensure secure access for staff and admin users, enhancing the application's security.
- Designed and implemented the user-friendly frontend interface with React, incorporating protected routes and responsive design.
- Created and implemented secure APIs from the ground up using FastAPI, ensuring robust data management and access control.

Personal Projects

- **Quizmify:**

Developed Quizmify, a platform utilizing OpenAI's technology to automatically generate quizzes, simplifying the quiz creation process.

- Implemented NextAuth for authentication, ensuring secure access for users.
- Innovatively created visual analytics tools to provide users with insightful result visualization.
- Integrated the backend, collaborating on API development, and facilitating data interaction.

- **AdminDashboard:**

Designed and developed a Next.js-based admin dashboard featuring user authentication, analytics, and a user information modal for enhanced functionality and user experience.

- Designed and implemented the frontend interface using Next.js, ensuring a responsive and user-friendly experience.
- Implemented a modal feature to display user information upon clicking "add profile," enhancing user interaction and information accessibility.

- **Other projects:**

- Keeper App: Notes taking app which is based on basic CRUD operations.
- Time Table App: Website which shows the time table by reading the data from the excel file dynamically.
- Clones and Stone Paper Scissor: Made sign in clones of instagram twitter using html css and made game using javascript.

Awards & Others

- **Hackathon Winner**: 2 times winner of best use of PostmanAPI workbench in Hack the space , Opinhacks **Sep-Oct 23**
- **Teaching**: Assigned as teaching assistant at The Litmus Academy for teaching PCM 9-12th from **Nov 21 to Mar 22**.
- **Free-lance**: Developed frontend of a travel website for a company in fiverr **Sep-Oct 23**