Jesal Agrawal

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EXPERIENCE

FITT IIT Delhi | Blockchain Builder Program | Link

- **Gained** a **comprehensive** understanding of **blockchain** technology, including its fundamentals, **consensus algorithms**, and key concepts such as **smart contracts** and **decentralized applications**.
- Applied **blockchain** knowledge in practical scenarios, exploring its use cases in sectors like **finance**, **supply chain**, and **healthcare**.

AWS Academy Cloud Foundations | Link

- **Completed** an in-depth foundational course on **AWS Cloud**, focusing on key services like **EC2, S3, IAM**, and **RDS**, along with essential cloud concepts.
- **Gained** proficiency in AWS security best practices, including identity and access management, encryption, and monitoring.

PROJECTS

Reflect | Link | Live Github

- Developed a full-stack journalapplication using Next.js and React, featuring secure authentication with Clerk for email/password and Google login.
- Integrated a rich text editor for creating formatted journal entries, mood-based analytics dashboard, and the ability to organize entries into collections with advanced filtering.
- Implementedperformance optimization with Turbo Pack, bot protection, and rate limiting, ensuring seamless and responsive user experience.
- **Tech Stack**: Next.js, React, TailwindCSS, ShadCN UI, PostgreSQL, Clerk, JWT, Sentry.

LiveDoc | Link | Live Github

- Developed LiveDocs, a real-time collaborative document editor with markdown, live comments, and notifications, using Next.js, TypeScript, Liveblocks, and Clerk for authentication.
- Integrated PostgreSQL for scalable document storage and Sentry for error tracking, ensuring a stable and responsive user experience.
- Enabled flexible sharing options and real-time updates, providing a seamless collaboration environment.
- **Tech Stack**: Next.js, TypeScript, Liveblocks, Clerk, PostgreSQL, Sentry.

Portfolio | Link | Live Github

- Developed a modern and interactive personal portfolio website using Next.js, React.js, and TailwindCSS to highlight skills, projects, and achievements.
- Integrated smooth animations and transitions to enhance the user experience and overall engagement.
- Tech Stack: Next.js, React.js, TailwindCSS, Vite.

EDUCATION

Bachelor's of Technology, Computer Science Engineering
Ips Academy • Indore • 2025 • 8.25

Intermediate
Shree R. K. Daga Maheshwari Academy • Indore • 2021 • 71.5%

SKILLS

Programming Languages: C, C++, Java, Javascript

Technologies: React, Next.js, Node.js, Tailwind CSS, Git/GitHub, Express.js, Mongoose, SQL

Coursework: Fundamentals of Computer Science, Data Structures and Algorithms, OOPS (Object Oriented Programming), OS (Operating System), CN (Computer Networking) and DBMS (Database Management System)

ACHIEVEMENTS

- **Solved 250+ DSA problems on LeetCode**
- Secured First Position out of 30 teams in inter college science exhibition
- Certified in C/C++ Programming with Universal Informatics