# Jesal Agrawal

India • jesalagrawal8@gmail.com • +918962155989 • linkedin.com/in/jesalagrawal11/ • github.com/jesalagrawal8

## 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 journal application 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.
- Implemented performance 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

**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