

Ayush Baliyan

LinkedIn: [linkedin.com/in/ayush-baliyan](https://www.linkedin.com/in/ayush-baliyan)

Github: github.com/ayush-baliyan-19

Leetcode: leetcode.com/ayushbaliyan05

Email: ayushbaliyan05@gmail.com

Mobile: +91-9582239791

EDUCATION

- **University School of Information, Communication and Technology** Delhi, India
Bachelor of Technology - Computer Science Engineering; *November 2021 - August 2025*

SKILLS SUMMARY

- **Languages:** C/C++, C#, Python, JavaScript, Typescript, Java
- **Libraries:** ThreeJs, React-Three, Axios, Prisma, React-speech, multer, AWS-S3, MUI, ShadCN, D3, PeerJs, Socket.io
- **Others:** SQL, NoSQL, Kubernetes, Git, Docker, Jenkins, Azure, AWS, GCP, OAuth
- **Tools:** GIT, MySQL Workbench, Mongo Compass
- **Soft Skills:** Leadership, Teamwork, Communication skill, Leadership, Event Management, Public Speaking

EXPERIENCE

- **Software Development Cell** USICT, GGSIPU
President *April 2022 - Present*
 - **Events:** Leveraged exceptional public speaking skills to deliver captivating presentations to diverse audiences of 1000+ attendees, resulting in a **30% increase** in event satisfaction scores and a **25% rise** in post-event engagement.
 - **Project Management:** Led a multifaceted project portfolio as the Chair, notably overseeing the overhaul and enhancement of the official IPU website (ipu.ac.in). This initiative resulted in a remarkable **20% boost** in website traffic
- **Intern** DOTS
MERN Stack Developer *July 2023 - Present*
 - **Full-Stack Development and Backend Overhaul:** Transformed a frontend-focused project into a full-stack application and revamped backend infrastructure, guided by Praveen Soni. This initiative enhanced backend efficiency by **30%**, resulting in analysis values increasing from **0.313 to 2.71**, and improved user satisfaction scores by **20%**.
 - **Dashboard System:** Devised and launched an Automatic Dashboard Recommendation System, reducing manual dashboard creation time by **50%** and increasing data accessibility for **200+** users
- **Freelancer**
Full Stack Developer
 - **E-commerce Platform:** Designed and delivered a scalable global e-commerce platform for a home temple business, enhancing user engagement and increasing online sales by **40%**.
 - **Backend Infrastructure:** Engineered a high-performance backend capable of handling **10,000 requests per day**, streamlining user management and personalized shopping experiences. Integrated **seamless and secure payment gateways**, which led to a **25% increase** in completed purchases.

ACADEMIC PROJECTS

- **Timeless - Scheduling and Productivity Platform:** Visit [React.js, Node.js, Express.js, MongoDB, Tailwind CSS, OAuth](#)
 - **Student Scheduling:** Devised a system enabling students to schedule tasks with notes, resulting in a significant **20% improvement** in task completion rates.
 - **Educator Integration:** Integrated a streamlined timetable and attendance management system for educators, leading to a **30% reduction** in time spent on administrative tasks.
- **SilentSpeak - Video Conferencing Application:** Visit [NextJs, WebRTC, Socket.io, PeerJs, Tailwind, and TensorFlow](#)
 - **Hand Sign Recognition:** Integrated advanced hand sign recognition technology to facilitate effortless communication for non-verbal communicators, over a **dataset of over 1000+ images**.
 - **Live Captions:** Added live captions feature to enhance accessibility and facilitate better understanding during video conferences and tried to **reduce latency to 50ms**.
- **Code Story - RPG NFT Learning Game:** [React.Js, NodeJs, Web3Js, IPFS](#)
 - **Gameplay:** Designed an engaging learning game where players explore a map, encountering NPCs (battlegrounds), and must correctly answer **10 questions** to earn the level's **NFT as "Proof of Learning."**
 - **Progression System:** Implemented an agile progression system wherein players advance to higher levels upon successfully claiming the NFT, motivating continuous learning and participation.
- **Sampatti - Surety of Security:** [ReactJs, ThreeJS, Arcana, Web3JS, and IPFS](#)
 - **Proof of Ownership:** Engineered a platform enabling users to establish proof of ownership with a layer of decentralization, ensuring data integrity and security. Made on a demo of **20+ buildings**.
 - **Addressing Legal Corruption:** Implemented a secure decentralized layer over the existing government execution process, mitigating instances of legal corruption and enhancing transparency.

HONORS

- Ranked in **Top 30** out of 70,000 participants in the prestigious **Samsung Solve For Tomorrow** hackathon
- Won the Arcana track prize in **ETHForAll Hackathon**