



Siddhant Bali

Roll no. 2022496 | siddhant22496@iiitd.ac.in

DOB: August 1, 2003

Address: B2005A, Tower B, Ajnara Homes,
Sec 16B, Greater Noida

[Portfolio](#) | [Github](#) | [LinkedIn](#) | [LeetCode](#)
 [Hashnode](#) | [Behance](#)



Education

Indraprastha Institute of Information Technology, Delhi
B.Tech (CSD)
2022 - present

CGPA: 6.19
(Till 5th semester)

Mother's Global School, Preet Vihar, Delhi
CBSE, Standard 12, PCM+CS
2020 - 2021

Percentage : 86.4%

Mother's Global School, Preet Vihar, Delhi
CBSE, Standard 10
2018 - 2019

Percentage : 82.4%

Skills

Expertise Area:	DevOps, CI/CD, GitOps, Containerization, Monitoring Systems, Distributed Systems, Network and Information Security, Operating Systems, Network Programming, Data Structures, Algorithm Design, Object Oriented Programming, HCI, UI, UX, Web Development, Node.js, React.js, HTTP Servers, NoSQL, SQL Databases, Kubernetes
Programming Languages:	JavaScript, TypeScript, Bash, SQL, Python, C++, Java
Tools and Technologies:	Next.js, Google Cloud, Arduino, Git, GitHub, Docker, Kubernetes, Terraform, Prometheus, Grafana, Helm, Next.js, Prisma, Drizzle, Express.js, MongoDB, PostgreSQL, Redis, Kafka, RabbitMQ, CI/CD Pipelines (GitHub Actions), TailwindCSS, ShadCN, Material UI, Turborepo, Shell Script
Technical Electives:	Algorithm Design and Analysis, Operating Systems, Human Computer Interaction, Prototyping Interactive Systems, Data Structures and Algorithms, Advanced Programming in Java, Computer Organisation, Ubiquitous Computing, Design Interactive Systems, Visual Design and Communication, Ethical Hacking Essentials

Work Experience

Web Development Intern, Human-Centered Design Department, IIIT Delhi | (Mar, 2025-Apr, 2025)
Project 1 | **Project 2** | **Project 3** | **Experience Letter** (Dec, 2023-Jan, 2025)
(Apr, 2023-Jul, 2024)

(Worked across 3 design+dev projects)

Advisor: Binu Ann Joseph

Worked as a Part-Time Intern for the design and development of major departmental projects consistently showcased strong leadership and expertise in modern full-stack web development. I was instrumental in building and maintaining responsive, scalable platforms with a focus on user experience and performance.

Web Developer, C S Bhatiya and Associates, Chartered Accountants, Pune | (Nov, 24 - Jan, 25)
Production | **Experience Letter**

Advisor: CA Chintan S. Bhatiya

Developed Modern UX/UI, high-performance websites using Next.js, TypeScript, and Tailwind CSS. Built secure APIs, implemented SEO, optimized SPAs for speed, and deployed on Apache, Oracle Linux with SSL-secured HTTPS.

Web Developer, Pervasive Sensing and Intelligent Assistive Systems Lab, IIIT Delhi | [GitHub](#) | [Production](#) | [Experience Letter](#) (Aug, 24 - Dec, 24)

Advisor: Dr. Pragma Kar

Led development and maintenance of PerSIsst Lab's website, Optimizing UX with Tailwind CSS, TypeScript, JavaScript, and Next.js. Built secure APIs, improved SEO, and deployed on Apache with SSL-secured HTTPS.

Undergraduate Researcher, MicroBiome Informatics Lab, IIIT Delhi | [Reference](#) (May, 23 – Jul, 23)

Advisor: Dr. Tarini Shankar Ghosh

Developed an advanced Bash GNU Debian installation framework for metagenomics tools, automating 40% of processes, creating data pipelines and managing dependencies on Linux servers.

Projects

Lifefore - A Wisdom Social Network | [GitHub](#) | [Production](#) Individual (Aug,24 – Present)

Advisor: Dr.Vikram Goyal

LifeLore enables Posts discovery, sharing, CRUD operations, profile management, and tag-based Regex search with Google-Auth, SEOs and fully responsive design.

TechStack: Next.js, React, JavaScript, Node.js, Tailwind CSS, Git, Next-Auth, MongoDB, Google Cloud Console OAuth, BCrypt

Sarkari Sahayog AI - AI-Powered Governance Assistant | [GitHub](#) | [Production](#) Individual (Mar,25 – Apr,25)

Built to empower Indian citizens to explore and determine eligibility for government schemes effortlessly. Designed and implemented the entire stack, including AI-powered eligibility checks, Gemini-integrated chatbot, and MongoDB-backed scheme database.

TechStack: Next.js 14, Tailwind CSS, ShadCN UI, React Hook Form, MongoDB Atlas, Mongoose, Gemini Flash 2.0 (GenAI SDK)

KarmOS - Distraction-Free LMS Platform | [GitHub](#) | [Production](#) Individual (Dec,24 – Present)

Made for KintsugiDevStudios

Built and maintained KarmOS, a learning-focused platform eliminating Bots, distractions, featuring ad-free browsing, integrated Youtube APIs theme switching, and responsive design.

TechStack: Next.js 14, TypeScript, TailwindCSS, ShadcnUI

DecoyNet - Low-Interaction Honeypots | [GitHub](#) Individual (Jul,23 – Jul,23)

Advisor: Dr.BN Jain

LoFi honeypot system to simulate brute force and spam attacks and improve security measures through advanced data logging and analysis.

TechStack: Python, Flask, Pandas, CSV, Virtualenv, Linux

Positions of Responsibility

Lead of Design Core Team at Cultural Council, IIIT Delhi (Nov,24 - Feb,25)

Lead of Web Developer Core Team at 1Pixel Design Conference, IIIT Delhi (Dec,24 – Jan,25)

Lead of Videography Core Team at Nexus Knights, Sports Council, IIIT Delhi (Jul,23 - May,24)

Captain of Mentors at B.Tech. Induction Community, IIIT Delhi (July,23 - Sept,23)

Design Core Team Member at E-Cell, IIIT Delhi (Jul,23 - May,24)

Design Mentor at E-Summit, IIIT Delhi (Jul,23 - Sep,23)

Awards and Achievements

- **Top 5** in C.I. Ideation Hackathon by ECell IIITD and iHub Anubhuti-IIITD 2023
- **College Qualifier** at Smart India Hackathon 2023
- **Gold Trophy** in Interschool Coding Contest 2020

Interests and Hobbies

- Spirituality, Selfless Service, Volunteer at [SNM](#), [NSS](#), [SOPS](#).

- Development for Fun
- Gaming

Declaration: The above information is correct to the best of my knowledge.

Siddhant Bali

Date: April 6, 2025