



Jatin Mittal ~ Intern

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Computer Science undergraduate skilled in programming, full-stack development, and cloud basics. Familiar with Java and DSA concepts. Eager to contribute to building scalable and efficient software solutions.

TECHNICAL SKILLS

- **Programming:** Java, Python, C++, JavaScript, SQL
- **Frameworks & Tools:** HTML, CSS, React.js, Node.js, Express.js
- **Databases:** MySQL, MongoDB, PostgreSQL, Firebase
- **Tools:** Git, Docker
- **Cloud & DevOps:** AWS, Azure, CI/CD, Kubernetes
- **Soft Skills:** Problem-Solving, Teamwork, Communication, Adaptability
- Object-Oriented Programming (OOP), Data Structures & Algorithms, System Design, Scalable Architectures

CERTIFICATIONS

- [NPTEL – Foundations of Cloud, IoT, Edge & Machine Learning](#) (Scored 93%) Ministry of Education, IIT Kanpur
- [Swayam \(GOI\) – Internet of Things](#) (Scored 90%) NITTTR Chennai
- [Google](#) – Foundation of User Experience
- [University of Colorado Boulder](#) – Developing Industrial IoT Specialization
- [Meta](#) – Introduction to Databases
- [Bug Battle Royale \(DSA Quiz\)](#) – Chandigarh University (Oct 2023)
- [Goblet of Fire \(DSA Quiz\)](#) – Chandigarh University (Oct 2023)
- [Python and SQL for Data Science](#) – Scalar (Dec 2023)

EDUCATION

- **Bachelor of Engineering (Computer Science)** – Chandigarh University, Mohali (2022 – Present) | **CGPA:** 8.4/10
- **Intermediate (CBSE)** – GMSSS, Chandigarh (2021 – 2022) | **Percentage:** 88.7%
- **Matriculation** – St. Xavier's High School (2019 – 2020) | **Percentage:** 93.2%

EXPERIENCE AND TRAINING

[Software Development Intern](#) – Celebal Technologies (June 2025 – August 2025)

- Built and optimized interactive web applications using modern JavaScript frameworks and component-based design.
- Automated backend workflows using scripting and scheduling tools for real-time content delivery.
- Completed industry-aligned training and project evaluations focused on full-stack development best practices.

[Cyber Security Technology Intern](#) – CDAC Mohali (May 2024 – July 2024)

- Optimized MySQL databases with Python automation, integrating Elasticsearch & Kibana for real-time security monitoring.
 - Boosted pcap analysis speed by **35%** using Snort multiprocessing, eliminating **alert.csv** overlaps.
 - Deployed via Docker on AWS, ensured data security compliance, and documented key cybersecurity processes.
- Skills:** Python, MySQL, Docker, Cybersecurity, Data Analysis

PROJECTS

[Imaginify: AI-Powered Image Transformation](#)

- Developed a full-stack SaaS platform for real-time AI-driven image editing and enhancement.
 - Built with Next.js, Cloudinary API, and Stripe integration to support secure, scalable transformations and credit-based billing.
 - Implemented Clerk authentication, MongoDB, and modular APIs for robust workflow automation and user management.
- Skills:** Google OAuth, Tailwind, MongoDB, Stripe API, Cloudinary, Authentication

[Full-Stack MUN Event Website](#) – **Technicia'25** | ISTE CU

- Led development of a responsive, full-stack website for Chandigarh University's official MUN event.
 - Implemented dynamic routing, registration system, parallax gallery, and admin-ready content modules.
 - Delivered high-performance UI/UX with optimized loading, reusable components, and database integration.
- Skills:** Next.js, TypeScript, Tailwind CSS, MongoDB

[Hydro Harmony: Smart Irrigation & Fertilization System](#)

- Developed **IoT-based** precision irrigation system using environmental sensors.
 - Innovated precise calculation of fertilizer drops per droplet to maximize efficiency.
 - [Published](#) research on smart irrigation and sustainable agriculture techniques.
- Skills:** Python, Machine Learning, IoT, Fuzzy Logic, Cloud, Mobile Apps

ACHIEVEMENTS

- [Liaison Officer](#) for Chandigarh University's esteemed Corporate Advisory Board (CAB) 2025 meeting
- Published 5+ research papers indexed in [Scopus](#) Publications.
- [Awarded](#) Best Hardware Project at the 2024 Department Exhibition.
- [Joint Secretary](#), ISTE Technical Society, leading 5+ impactful tech initiatives.