

Aayam Bajaj

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☎ 9516644441

🐙 GitHub

🔗 Portfolio

🌐 LinkedIn

📍 Indore, Navi Mumbai

OBJECTIVE

IT undergraduate persistently making efforts to imbibe skills and using the passion for problem solving to contribute to the IT sector. Looking for an internship opportunity to gain industry experience and improve my skills in the field of Information Technology.

EDUCATION

Bachelor of Engineering in Information Technology, Bharati Vidyapeeth College of Engineering, Navi Mumbai
2022 – 2026 | Navi Mumbai
CGPA: 8.33

XII (ISC), Laurels School International, Indore
2021 – 2022 | Indore
Percentage: 93%

X (ICSE), Laurels School International, Indore
2019 – 2020 | Indore
Percentage: 94%

ACHIEVEMENTS

- Joint General Secretary in Student Council
- Winner of College-level Technical Quiz
- Department and College-level events- Anchoring and Orations.
- Team Leader in Smart India Hackathon

PROJECTS

Crowd Analysis using Edge Computing, GitHub [🔗](#)

- Designed a real-time crowd analysis system using TensorFlow Lite on **Raspberry Pi** with YOLOv8 server-side validation.
- Built a Tkinter-based GUI and **Flask** dashboard, achieving <500ms latency for real-time crowd detection and monitoring.

Inventory Management System [🔗](#)

- Developed a desktop application for efficient inventory management using Java Swing and MySQL.
- Implemented CRUD operations, real-time stock updates, and a modern dashboard supporting modules for products, sales, suppliers, customers, employees, and reporting.

Web Platform for Villa Discovery and Booking (Team Project)

- Developed a full-stack web app using **Node.js, Express, MongoDB, EJS**, and **Cloudinary** for villa listing and booking.
- Integrated MapTiler API for location-based villa search and built secure user authentication with **Passport.js** and **JWT**.

SKILLS

Programming Languages (Java, Python)

Web Development (HTML, CSS, Angularjs)

Databases (MySQL, MongoDB)

Versioning (Git, Github)

Hardware (Raspberry Pi)

Soft Skills (Public-Speaking, Organization, Adaptability)

WORK EXPERIENCE

Internship in Web Development — RWS: July-2024

Orientation: Cyber Crime Investigation Prosecution Forensics and Cyber Security — State Cyber Police, Indore: June-2024

Training and Internship in Cybersecurity — Acmegrade: Oct-2023

CERTIFICATIONS

Data Structures and Algorithms using Java [🔗](#)

NPTEL: Jul-Oct, 2023

Data Analytics with Python [🔗](#)

NPTEL: Jan-Apr, 2023