

Aditya Laxkar

Software Developer — B.Tech CSE @ NIT Manipur

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<https://portfolio-aditya-laxkars-projects.vercel.app/>

SUMMARY

Enrolled **B.Tech CSE student (graduation August 2027)** seeking **Summer 2026 Software Engineer Internship** to own **impactful software projects** in **agile, distributed global teams**. Quick learner fluent in **Java, Python, JavaScript, C, C++**. Strong foundation in **DSA, OOP, System Design, distributed systems**. Skilled in building **scalable web applications, REST APIs, backend services, UI/UX** using **React.js, Node.js, MongoDB, SQL**. Experienced through internships, open-source, and hackathons in **diverse global teams**. Secondary expertise in **AI/ML (TensorFlow, OpenCV)** with focus on integrating ML into real-world web platforms; eager to foster diversity.

TECHNICAL SKILLS

- **Programming:** Java, Python, JavaScript (ES6+), C, C++, HTML, CSS
- **Frameworks/Libraries:** React.js, Next.js, Node.js, Express.js, Tailwind CSS
- **Databases & Cloud:** MongoDB, SQL, Appwrite, Cloudinary, Vercel
- **Developer Tools:** Git, GitHub, Docker, VS Code, Razorpay API, WebRTC, OpenAI API
- **Core CS:** Data Structures & Algorithms, OOP, System Design, distributed systems, Unit Testing, SDLC, Agile
- **AI/ML:** TensorFlow, Keras, OpenCV, Pandas, NumPy

EXPERIENCE

AI/ML Intern

Jun – Jul 2025

Edunet Foundation (Shell Collaboration), Remote

- Designed and trained **CNN (TensorFlow, OpenCV)** for 6+ waste categories, reaching **94% accuracy**.
- Improved preprocessing (augmentation, normalization), boosting model performance by **+15%** in agile sprints.
- Deployed model into **production-ready REST APIs** for scalable backend services.

Open Source Contributor

Aug – Oct 2024

GSSOC'24 EXTENDED, Remote

- Implemented full-stack features using **React.js, Node.js, MongoDB, SQL**, improving scalability.
- Reduced bug count by **20%** through reviews, debugging, and automated testing.
- Enhanced CI/CD pipelines and Git workflows, boosting team productivity.

PROJECTS

Doctor Appointment Management System (MERN + AI)

2024 – Present

- Developed an **AI-powered healthcare platform** with **UI/UX dashboards** for Users, Doctors, and Admins, handling 1K+ simulated users.
- Features: booking, **video consults (WebRTC)**, lab tests, alerts, and medicine orders.
- Integrated **AI skin disease detection, AI prescription generator, AI symptom analyzer** using TensorFlow.
- Tech: React.js, Node.js, Express.js, MongoDB, SQL, Razorpay API, Cloudinary.

AI Garbage Classification Model

2025

- Built a **CNN model** to classify waste categories in distributed systems.
- Achieved **94% validation accuracy** with image augmentation.

Next-Gen Bharat Podcast Website

2025

- Built platform for Users, Alumni, and Staff with **UI/UX** for podcasts and blogs.
- Added polls, updates, and admin-controlled content for diverse audiences.
- Tech: Next.js, MongoDB, Tailwind CSS, Appwrite, SQL.

EDUCATION

National Institute of Technology, Manipur

2023 – 2027

B.Tech CSE (CGPA: 9.10), Imphal, India

CBSE (Class 12)

2021 – 2022

Percentage: 85.6%, Rajasthan, India

ACHIEVEMENTS

- **Edunet x Shell Internship Certificate** — AI waste classification (Jul 2025)
- **Codathon Winner** — IIIT Manipur (Apr 2024)
- **Top 100 Performer** — GSSOC'24 EXTENDED (Aug 2024)
- **Hacksagon Finalist** — ABV-IIIM Gwalior, 600+ teams (Jun 2024)