

Aditya Laxkar

Software Developer — B.Tech CSE @ NIT Manipur

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GitHub — LinkedIn — Portfolio

SUMMARY

Aspiring **Software Developer Intern** with strong foundation in **DSA, OOP, and System Design**. Skilled in building **scalable web applications, REST APIs, and backend services** using **Java, JavaScript, React.js, Node.js, and MongoDB**. Experienced through internships, open-source, and hackathons. Secondary expertise in **AI/ML (TensorFlow, OpenCV)** with focus on integrating ML into real-world web platforms.

TECHNICAL SKILLS

- **Programming:** Java, Python, JavaScript (ES6+), C, HTML, CSS
- **Frameworks/Libraries:** React.js, Next.js, Node.js, Express.js, Tailwind CSS
- **Databases & Cloud:** MongoDB, Appwrite, Cloudinary, Vercel
- **Developer Tools:** Git, GitHub, Docker, VS Code, Razorpay API, WebRTC, OpenAI API
- **Core CS:** Data Structures & Algorithms, OOP, System Design, 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%**.
 - Deployed model into **production-ready REST APIs** as part of agile sprints.

Open Source Contributor

Aug – Oct 2024

- GSSOC'24 EXTENDED, Remote
- Implemented full-stack features using **React.js, Node.js, MongoDB**, improving project scalability.
 - Reduced bug count by **20%** through reviews, debugging, and automated testing.
 - Enhanced CI/CD pipelines and Git workflows, improving team productivity.

PROJECTS

Doctor Appointment Management System (MERN + AI)

2024 – Present

- Developed an **AI-powered healthcare platform** with dashboards for Users, Doctors, and Admins.
- Features: booking, **video consults (WebRTC)**, lab tests, alerts, and medicine orders.
- Integrated **AI skin disease detection, AI prescription generator, and AI symptom analyzer**.
- Tech: React.js, Node.js, Express.js, MongoDB, Razorpay API, Cloudinary.

AI Garbage Classification Model

2025

- Built a **CNN model** to classify waste categories and recyclability.
- Achieved **94% validation accuracy** and optimized with image augmentation.

Next-Gen Bharat Podcast Website

2025

- Built platform for **Users, Alumni, and Staff** to connect via podcasts, blogs, and roadmaps.
- Alumni share AI-assisted blogs/resources; users join one-on-one alumni talks.
- Added polls, next-episode updates, and admin-controlled content management.
- Tech: Next.js, MongoDB, Tailwind CSS, Appwrite.

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)