

LOKESH BODDUPELLY

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Education

Indian Institute of Information Technology, Nagpur

Aug 2023 – Jun 2027

Bachelor of Technology in Computer Science Engineering

Experience

Web Developer – Student Website Team

March 2024 – Present

Indian Institute of Information Technology, Nagpur

Nagpur, India

- Part of the official student website maintenance team after winning the university website development competition.
- Contributed to the development and official hosting of the university's website.
- Currently responsible for maintaining the website, fixing bugs, and implementing updates as needed.

Projects

Indian Institute of Information Technology, Nagpur's Official Website | iiitn.ac.in

Mar 2025

- Designed, developed, and deployed the official university website as part of a student team selected through a competitive development initiative.
- Built a full-stack web application using React (frontend) and Flask (backend), ensuring a responsive, accessible, and user-friendly interface.
- The website was officially adopted and hosted by IIIT Nagpur and serves as its primary online presence.
- Tech Stack: React, Flask, HTML, CSS, JavaScript, GitHub, College Server (Linux-based)

Weekend Knocks – Esports Website | weekend-knocks.netlify.app

Nov 2024

- Co-founded **Weekend Knocks**, an esports organization hosting competitive gaming tournaments, and developed its official interactive website using **Next.js** for a responsive user experience.
- Made the project open source to promote collaboration and allow external contributions.
- Tech Stack: Next.js, React, JavaScript, Tailwind CSS, GitHub, Netlify

Financial Fraud Detection Using Machine Learning Models | [🔗 Code](#) |

April 2025

- Built a fraud detection system using both **supervised** (Logistic Regression, Random Forest, XGBoost) and **unsupervised** (Isolation Forest, One-Class SVM) machine learning models.
- Achieved **99.6% validation accuracy** and **0.99 ROC AUC** with XGBoost; Logistic Regression showed best balance with **Precision = 0.60** and **Recall = 0.97**.
- Evaluated models using key metrics: Accuracy, Precision, Recall, F1-Score, ROC-AUC, and ROC Curve visualizations.

Achievements

- **1st Place - Web Development Competition (IIIT Nagpur)**: Engineered and deployed the official institute website (iiitn.ac.in), surpassing 48 teams across 4 evaluation rounds with a scalable full-stack solution.
- Achieved **3rd place** in TantraFiesta's Bug Bounty Challenge by identifying and resolving high-impact vulnerabilities in open-source repositories under competitive constraints.

Technical Skills

Languages: C, C++(proficient), Python, JavaScript

Frameworks: Django, FastApi, ReactJS, ExpressJS, NodeJS, NextJS, RabbitMQ

Databases: PostgreSQL, DynamoDB, MongoDB

Cloud Services: AWS(Lambda, EC2, S3)

Developer Tools: Git/Github, Postman, Linux