

NIKHIL SHARMA

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EDUCATION

National Institute of Technology Patna

B.Tech - Electronics and Communication Engineering **CGPA - 8.98**

2022 – 2026

Patna, India

Lakshya Prep Junior College

Intermediate - **Percentage - 94.83%**

2019 – 2021

Thane, India

PROJECTS

[Image-Classifer](#) | pytorch, numpy, sklearn, matplotlib, seaborn

- The animal dataset consisting of 90 images was thoroughly analyzed, which demonstrated a high level of organizational process.
- For various classification tasks, classification models were built with CustomNN, MobileNet and EfficientNet.
- Utilized classification matrices to evaluate the efficiency of the model putting emphasis on major metrics like accuracy, precision, recall, and F1-score.

[Video Hosting](#) | Nodejs, Expressjs, MongoDB, Mongoose, jwt, bcrypt

- Built a complete backend for video hosting website similar to youtube with all the features like login, signup, upload video, like, dislike, comment, reply, subscribe, unsubscribe, and many more.
- Project uses all standard practices like JWT, bcrypt, access tokens, refresh Tokens and many more.

[AI Notary Generator](#) | Reactjs, Nodejs, Expressjs, MongoDB, Socketio, OpenAI

- Paperless notary solution, which makes the process efficient and 100% environment friendly.
- GPT integrated AI-driven affidavit template generation allowing editing.
- Through integrating messaging, we can have real time communication thus speeding up the process.
- Full digital workflow: e-stamp, digital signatures, PDF delivery.

[Myntra Clone](#) | React, Redux and Appwrite

- The core features and design elements of Myntra website were successfully replicated, which showed attention to detail and Appwrite was used at Backend.
- User-friendly interface was developed with responsive design to enable viewing the site on different devices, highlighting user experience.

TECHNICAL SKILLS

Languages: C, Java, JavaScript, Python

Technologies/Frameworks: ReactJS, Redux, NextJS, ExpressJS, NodeJS, ExpressJS, MongoDB

Libraries: Numpy, Pandas, Matplotlib, scikit-learn, pytorch

Areas of Interest: Machine Learning, Software Development, Web Development

Developer Tools: VS Code, PyCharm, Git, Github, Postman

CERTIFICATIONS

- Artificial Intelligence Fundamentals - IBM SkillsBuild
- CyberSecurity Fundamentals- IBM SkillsBuild
- Mastering Algorithms - Codedamn

EXTRACURRICULAR

- Among the 20 selected teams in ByteVerse (Annual Hackathon) organized by GDSC and HackSlash.
- Among the 25 selected teams in Hack'o'Fest organized by DevFolio.
- Web Team Member at Incubation Centre (NIT Patna)

Achievements

JEE (Mains) : Among the top 2 percentile people out of 12 lakh people

June 2022

JEE (Advanced) : Among the Qualified people in the exam.

June 2022