Deshmukh Nikhil

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Education

Bennett University, Greater Noida. **2022 – 2026**

- 3rd year Computer Science and Engineering | SGPA: **8.83** | CGPA: **8.83**

Janata Vidya Mandir, jr. collage, Murud, Latur (MH). **Passed 2022**

- State Board (Class X & XII), **10th** Aggregate: **96.00%**

Technical Knowledge

- **Strongest Area**- FullStack web development in MERN stack | **Data Structures and Algorithms | Data Science**
- **Technologies**- C++(DSA), Python, NumPy, Pandas, PowerBI, Java, HTML, CSS, JavaScript, ReactJs, NextJs, MongoDB, NodeJs, ExpressJs, Typescript, Git, GitHub, SQL, Tkinter(Python), Oops, etc.

Open Source Contribution

Selected for **GirlScript Summer of Code 2024** #OpenSource program by **GirlScript Foundation** for contribution to various tech projects. (Acceptance Letter)

- **10+** Pull Requests merged into devlabstore.tech (link)
- In the **DevLabs Project**, I contributed to the frontend part of this website, and I also contributed to **5+** websites as a frontend developer. (Github link)

Projects

Guru Soya Products E-Commerce Web App (Github) June 2024

A **FullStack** e-commerce web application designed for selling products in an online market.

- **TechStack** - JavaScript | Tailwind | Next.js (backend) | Express.js | MongoDB | Mongoose | JWT-based authentication | Razorpay | Python.
- **Key features**- Developed an admin panel for product management (add/remove/discount), integrated Razorpay for payment processing, and built an **analytics dashboard** for market insights. Streamlined online purchasing, boosted product management efficiency by **60%**, and improved customer satisfaction with a seamless order tracking system.

Marine Plastic Detection (Github) Apr 2024

Detect plastic in marine water to reduce water pollution.

- **TechStack -** javascript | NextJs | MongoDB | Mongoose | Python | **YOLO model**
- **Key features**- Include plastic detection using camera hardware on our website. Users can upload images or use live detection by clicking on the camera option to open their device camera. The website is designed to be user-friendly, ensuring a seamless experience. My role in this project is front-end development and UI/UX design. Notably, the detection accuracy is **99%.**

Terrorist Analysis & Prediction (Github) Apr 2024

Insights from Historical **Data Analysis** and **Prediction**.

- **TechStack** - Javascript | Express.js | NoSQL | JWT authentication | Python | Django | **Random Forest** algo.
- **Key features**- Include an analysis dashboard that presents comprehensive information about terrorists, utilizing both historical and analytical data to accurately predict the most likely terrorist group with **95%** accuracy. The **Random Forest algorithm** is used for this prediction. See more...

Achievements

- **Informatica Data Engineering Hackathon**: Ranked **2nd** among the top **20** teams globally.
- **GSSOC 2024**: Achieved **All India Rank 199** and earned the **Champion Badge**.
- Recognized as one of the most active members in multiple clubs.
- **Enigma Hackathon**: **Winner,** organized by the Data Science Society.

Positions of Responsibility

- Creativity Team (POC), MultichainIN 2024 -Present
- Tech Lead, Google Developer Student Club BU 2022 - 2024
- Design Lead, Data Science Society BU 2023 - 2024