NITESH SAINI

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EDUCATION

Rajiv Gandhi Institute of Petroleum Technology,Jais **2022 – 2027**
B.Tech + M.Tech - Computer Science and Engineering with A.I - ***CGPA*** - ***8.5*** *Amethi, Uttar Pradesh*

- Top 10 per. in IDD(Integrated Dual Degree Program) department.
- Topper of Higher school.
- JEE 2023 Qualifier.

COURSEWORK / SKILLS

- AI/ML
- Image processing
- Data Structure and Algorithms
- Database Management (DBMS)
- Web Technology
- Oops Concepts
- Python, OpenCV, C++, JavaScript

EXPERIENCE

SDE Intern at Salhakart | A newly opened Startup **September 2023 - November 2023**

- Learned and Implemented **MERN stack skills**
- Working on a Full Stack Project Using various Coding Methodologies.

PROJECTS

Dark-Pattern Detector | AI/ML,JavaScript,API,Flask **2024**

- Created a Web Extension designed to identify and flag Dark Patterns, contributing to improved user awareness and protection online.
- Specialized in analyzing datasets specific to Dark Patterns prevalent in E-commerce Websites, enhancing the accuracy and relevance of detection algorithms.
- Employed a technology stack comprising Flask for backend development, MERN stack for frontend implementation, and AVML-Naive Bayes Classifier for pattern recognition and classification.

Breach Alert - Is your Data leaked ? | HTML, CSS, JavaScript, API **2023-24**

- Created a web application to conduct real-time checks for potential data leaks.
- Utilized API integration to promptly display leaked information upon user submission of their email ID.
- Aims to empower users by providing timely alerts and awareness regarding potential data breaches.

Elite Estates Hub | MERN Stack **2023-24**

- Engineered a website facilitating real estate transactions, enabling users to buy or sell properties.
- Executed a comprehensive frontend and backend project to ensure seamless user experience and efficient data management.
- Integrated Google authentication for streamlined and secure user access and authentication.

Gas Leakage Detection System (Currently Working) | **2023-24**

- Implemented Optical Flow (Lucas Kanade Method) for real-time gas leakage detection, enhancing the system's responsiveness and accuracy.
- Collaborated with a team under the supervision of Professor Dr. Gargi Srivastav to design, implement, and validate the gas leakage detection system.
- Presented findings and project outcomes in academic settings, demonstrating a practical application of computer vision techniques in environmental monitoring and safety systems.

TECHNICAL SKILLS

Languages: C++, C, JavaScript, Python, Open- CV
Technologies/Frameworks: HTML5, CSS3, Django, MongoDB, SQL. Express, React, NodeJS, Bootstrap, Expess
Developer Tools: VS Code