

# Nitesh Saini

 Github |  LinkedIn |  Portfolio  
✉ niteshsaini9568@gmail.com | 📞 +91-6376840335

## EDUCATION


### RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY

CSE WITH AI  
2022 - 2027 | Amethi, U.P.  
Grade - 8.5

### SHIKHAR SHISHU SADAN

INTERMEDIATE  
May 2021 | U.P., India  
Grade - 96.6

## LINKS

 LinkedIn  
 Github  
 Leetcode  
 Geeks-for-Geeks

## COURSEWORK

### UNDERGRADUATE

Data Structures  
Operating Systems  
Web Technology  
Database Management  
C++ with OOPS

## SKILLS

### PROGRAMMING

Java • Python • Javascript  
C++ • Matlab • C

Over 1000 lines:  
C • C++ • Python

Familiar:  
AI/ML • Django • Flask • MySQL

### DEVELOPMENT

#### 4.2.1 Frontend

HTML • CSS • JavaScript • React  
Bootstrap • Tailwind

#### 4.2.2 Backend

Node.js • Express • MongoDB • EJS  
Familiar:  
Next.js • Redux Toolkit

### DEVELOPER TOOLS

git •  GitHub •  VS Code

## EXPERIENCE

### SALAHKART | WEB DEVELOPER SEPTEMBER 2023 - NOVEMBER 2023



- Engineered responsive, user-centric web applications; boosted UX satisfaction scores by 80% and enhanced accessibility compliance by 65%, ensuring a seamless experience across diverse devices and user groups.

## PROJECTS

### DARK-PATTERNS DETECTOR | GOOGLE EXTENSION

- Built an AI/ML web extension using JavaScript, APIs, and Flask to detect dark patterns on e-commerce sites, increasing user trust by 80% and cutting cart abandonment by 15%.
- Applied machine learning algorithms to identify and classify dark patterns, improving detection accuracy by 91%.
- Analyzed and processed 2000+ datasets, enhancing ML model accuracy by 25% and reducing false positives to under 5%.

### TERMEASE | GOOGLE EXTENSION

- Created a JS/API tool, automating real-time summarization of 500K+ terms and policies, reducing read time by 80%.
- Implemented web scraping and API integration to extract and process over 1M words of legal text from 1K+ websites.
- Designed a user-friendly interface to present summaries, reducing user processing time by 75%.

### ELITE ESTATES HUB | WEBSITE

- Architected a full-stack real estate platform with MERN stack, enabling 10K+ property listings, secure user authentication, and seamless transaction management.

### BREACH ALERT | WEBSITE

- Developed a web app performing real-time scans across 7+ data breach types, alerting users on 1M+ potential data exposures.
- Integrated third-party APIs to retrieve and display leaked information based on user-submitted email addresses, increasing data retrieval speed by 25%.

## RESEARCH

### GAS LEAKAGE DETECTION SYSTEM | (CURRENTLY WORKING)

- Implemented a real-time gas leak detection system using computer vision (Optical Flow) for improved accuracy.
- Collaborated on system design, deployment, and validation. Presented findings, showcasing the application of computer vision for environmental safety.

## AWARDS

2024 Final runner up in DPBH hackathon at IIT-BHU 