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Nikhil Nishad

EDUCATION

B.E. Computer Engineering with Honors in Artificial Intelligence (Present CGPA: 7.3)   **2021-2025**
Shree L.R. Tiwari College of Engineering

EMPLOYMENT

AR Intern, Shree L R Tiwari College of Engineering   *January 2024 – March 2024*

- Explored AR integration to enhance user experiences by blending virtual elements with real-world environments.
- Designed and implemented features such as image recognition, spatial mapping, and interactive 3D overlays to create immersive AR applications.
- Applied expertise in Augmented Reality, Spatial Computing, 3D Modeling, and User Interaction Design to deliver impactful solutions.

PROJECTS

Expense Tracker (Github **|** Link**)**
- Built an IoT device using ESP32 NodeMCU to track real time current and voltage consumption of devices.
- Developed algorithms to indicate potential electrical hazards by detecting irregular energy consumption.
- Created a dynamic dashboard using ReactJS for real time monitoring of energy consumption.
- Utilized: React.js, Flask, MySQL, Arduino IDE, ESP32 NodeMCU, ZMPT-101B voltage sensor, ACS712 current sensor.

MastersGang (Github**)**
- A secure online platform where teachers can create classrooms, send timetables, and communicate
- Developed a responsive and scalable platform using React.js, Node.js, and MongoDB.
- Integrated JWT for secure login and bcrypt for password security to ensure safe user access.
- Enabled privacy protection for students by using OTP verification for classroom joining.
- Utilized: React.js, Node.js, MongoDB, JWT, bcrypt.

MovieO (Github **|** Link**)**
- A web app showcasing trending movies and TV series with key details such as ratings, genres, and release dates.Incorporated a minimum cost function in the linear regression model for more accurate price predictions.
- Ensured a responsive and optimized experience for various devices and screen sizes.
- Utilized: React.js, Node.js,TMDB API.

SKILLS

Software: C++ | SQL | HTML/CSS | JavaScript | Data Structures | OOPS | Database Management | React | Python Operating System | Tailwind | MongoDB | GIT

Soft Skills: Problem-solving,Teamwork,Teamwork, Time Management, Adaptability.

ACHIEVEMNTS

AWS Academy Graduate - AWS Academy Cloud Foundations.
AI&ML Masterclass – Udemy
Master in javascript- Udemy
(150+) problem-solve – (Leetcode)

Activites

HackHaven -Volunteer
Postman Api Workshop- Volunteer