



VILAKSHAN PANCHAL

MTECH CSE

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CAREER OBJECTIVE

To work in a firm with a professional work driven environment where I can utilize and apply my knowledge, skills which would enable means a fresh graduate to grow while fulfilling organizational goals

SKILLS

Python, R, Tableau, C, MySQL
MongoDB, Arduino and CISCO
packet tracer

SOFT-SKILLS

- Adaptability
- Project Management
- Teamwork
- Time Management
- Quick Learner

LANGUAGES

- Hindi (Native)
- English (fluent)

EDUCATION

M.TECH CSE - NIT DELHI

2023 - 2025

Result - 7.55

B.TECH ECE - JC Bose University, Faridabad

2018 - 2022

Result - 7.1

PROJECTS

- Designed and implemented a robust real estate web interface comprising UI/UX elements.
- Integrated APIs to facilitate seamless communication between the frontend and backend systems.
- Managed MongoDB database for efficient storage and retrieval of real estate data.
- Utilized Tableau for data visualization, enabling users and realtors to analyze market trends effectively.
- Empowered users and real estate professionals to make informed decisions based on insightful data representation.
- Developed a face recognition system encompassing both hardware and software components.
- Designed and implemented software algorithms for facial recognition capabilities.
- Implemented a feature to store recognized faces in a CSV file for record-keeping.
- Incorporated functionality to capture facial images and automatically email them to respective individuals.
- Constructed, operated, and maintained a quadcopter (drone) for various applications.
- Demonstrated expertise in assembling drone components and ensuring optimal performance.
- Operated the quadcopter for aerial photography, surveillance, or other specified purposes.
- Conducted routine maintenance and repairs to ensure continued functionality and safety.
- Developed proficiency in troubleshooting and resolving technical issues as they arose.
- Implemented safety protocols and adhered to regulatory guidelines for drone operation.

CERTIFICATIONS

- Completed Elements of AI course from University of Helsinki
- Completed Foundations of Emerging Technologies course from Dubai future foundation.
- Completed 3-months Training program in AI with python, which Covered Topics such as NumPy, pandas, OpenCV etc. - Languify
- Microsoft Certified Azure AI Fundamentals
- Completed Five-day Short-term Course on Artificial Intelligence and its Smart Applications, NIT Delhi
- Completed the the Short term course "Designing the Future of Networks: Conceptualising VANET, IoT, UAN, and 5G with NETSIM"

CO-CURRICULAR ACTIVITIES

- Secured Rank 12 in Haryana Zone in 1st Level of 16th SOF National Cyber Olympiad held during October, 2016.
- Secured bronze medal in Powerlifting at the MST tournament organized by MNIT Jaipur.