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EDUCATIONAL QUALIFICATIONS

Degree	Institute/University	% / CGPA	Year
B-Tech Computer Science and Technology Engineering	Usha Mittal Institute of Technology	CGPA: 7.6	2022-2026

INTRODUCTION

I am an aspiring computer science student with hands-on experience in Artificial Intelligence, Machine Learning, Web Development, and Automation projects. I have built projects involving real-time data processing, AI integration, and web-based systems. I have a strong interest in innovation and technology, system design, and practical problem-solving.

PROJECTS UNDERTAKEN

DermaClust - Skincare Recommendation System	<ul style="list-style-type: none">Developed a deep learning-based skincare recommendation system using U-Net for skin segmentation and Transformer Encoders for feature extraction.Implemented Cosine Similarity for personalized product recommendations and integrated Firebase Firestore for secure data storage. [Code][Demo]
SubTrackr- Expense Tracker App	<ul style="list-style-type: none">Developed a dynamic full-stack web application for expense management using JavaScript and Chart.js for the front-end, with Firebase for real-time data synchronization.Engineered a flexible category system with custom inputs, empowering users with enhanced financial tracking and reporting capabilities. [Code] [Demo]
Railway Reservation Management System	<ul style="list-style-type: none">Designed and implemented a relational database CRUD operations for managing train reservations, schedules, and passenger details.Created optimized tables, relationships, and queries ensuring efficient data storage and retrieval.
Responsive Portfolio Website	<ul style="list-style-type: none">Designed and deployed a personal portfolio using HTML, Tailwind CSS, and JavaScript, featuring a dark/light mode toggle and contact form validation. [Code] [Demo]

LEADERSHIP EXPERIENCE

IEEE Student Council - UMIT (Jul 2023 - Jul 2024)	<ul style="list-style-type: none">Spearheaded the organization of campus-wide hackathons, technical workshops, and innovation challenges for over 200 students.Fostered a culture of collaboration, continuous learning, and skill development within the student tech community.
Women in Engineering Council- UMIT (Jul 2022 - Jul 2023)	<ul style="list-style-type: none">Led mentorship programs and knowledge-sharing sessions, enhancing technical and communication skills among junior members.
National Service Scheme -UMIT (Jul 2023 - Present)	<ul style="list-style-type: none">Participated in community service initiatives and social welfare projects, developing strong teamwork and leadership abilities.

CERTIFICATIONS

- GeeksforGeeks Certification – Full Stack Developer
- Python Programming, Machine learning using Python
- IBM Certified-From Learner to Builder :AI Agent Architect

SKILLS

- Programming Languages: Python, C/C++, Java, JavaScript, HTML, CSS
- Framework: React, NodeJS, Bootstrap, ExpressJS
- Core skills: Data Structures & Algorithms, Object Oriented Programming, Database Management System
- Data Science & DBs: Data Preprocessing, Data Visualization, SQL (MySQL, Postgres), MongoDB
- Soft Skills: Teamwork, Communication, Adaptability, Problem Solving, Time Management