Nidhi Tulsyan
Full Stack Web Developer

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PROFESSIONAL SUMMARY

- ***Full Stack Web Developer*** *with expertise in building scalable and user-friendly applications using* ***React.js, Node.js, Express.js, MongoDB****, and modern frameworks like* ***Tailwind-CSS*** *and* ***Material-UI****. Skilled in designing RESTful APIs and delivering responsive, intuitive user experiences. Basic foundation in* ***Java*** *and* ***Data Structures and Algorithms (DSA)*** *with a collaborative and problem-solving mindset.*

EDUCATION

Veer Narmad South Gujarat University
BCA-Bachelors in Computer Application

04/2021 - 04/2024
CGPA- 8.99

Vellore Institute of Technology
MCA-Masters in Computer Application

07/2024 - Present
CGPA-8.53 (SEM-1)

TECHNICAL SKILLS

- **Programming Languages**: *Java-(**Data Structure and Algorithm**),* **Python**
- **Frontend Development**: ***React.js****, Material-UI, Tailwind-CSS, HTML, CSS, Bootstrap*
- **Backend Development**: *Node.js, Express.js,* ***REST API***
- **Databases:** *MongoDB, SQL*
- **Version Control & Other Tools**: ***Git****, Postman*
- **Soft Skills**: *Teamwork & Collaboration, Communication, Leadership, Time Management*

PROJECT EXPERIENCE

Online Examination System *(Ongoing)* - *React.js, MongoDB, Node.js, Express.js,* **REST-API**   *GitHub*
- *Developed a comprehensive online examination system with* ***camera-based proctoring****, enabling students to undertake secure* ***MCQ-based assessments*** *while allowing teachers to create exams utilizing a centralized question bank.*
- *Implemented* ***OTP validation*** *for secure logins and* ***JWT-based session management****, ensuring robust authentication and maintaining session integrity throughout the examination process.*

Voice Based Question Answering System — *Python, ML (K-Means Clustering, Cosine Similarity), Tkinter, RapidBuzz, TFVectorizer*   *GitHub*
- *Built an AI-powered* ***question-answering system*** *using* ***K-Means Clustering and Cosine Similarity****.*
- *Utilized* ***speech recognition and natural language processing (NLP)*** *for real-time responses.*
- *Integrated* ***Python libraries (Tkinter, TF-IDF, RapidBuzz) to enhance performance****.*

Movie Ordering Website — *React.js, MongoDB, Node.js, Express.js*   *GitHub*
- *Developed a user-friendly storefront for browsing and ordering movies, with an intuitive interface for customers to view available options and make purchases.*
- *Built an admin dashboard for managing* ***movie listings, handling orders, and tracking customer data****,* ***integrating MongoDB*** *for data storage* ***and Express.js*** *for server-side logic and* ***APIs.***

Url-Shortner - *HTML, CSS, Python, Flask*   *GitHub*
- *Developed a URL shortening application using* ***Flask and Python****. It generates unique short URLs for long URLs, stores the mapping in a JSON file. It redirects users to the original URL upon accessing the short*

CERTIFICATIONS

The Complete 2023 Web Development Bootcamp – *Udemy*   *(Completed-Dec 2023)*
Python Course for Beginners With Certification: Mastering the Essentials – *Scaler*   *(Completed-mar 2025)*

ACHIEVEMENTS

Hackathon winner (6th semester,2024) - *DivTech*
Participated in a hackathon and secured 1st prize by developing a medical prototype with my team, showcasing innovation and teamwork.