Niveditha Reddy Anumandla

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B.Tech - Computer Science and Engineering
National Institute of Technology, Surat

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GitHub | LinkedIn | Portfolio
Hyderabad, Telangana, 50015

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech - CSE	National Institute of Technology, Surat	6.0(Current)	2023-Present
Higher Secondary	CBSE	75%	2022
Secondary	CBSE	86%	2020

KEY COURSES TAKEN

Data Structures, Design and Analysis of Algorithms, Database Management Systems, Discrete Mathematics, Object Oriented Programming, Operating Systems, Computer Networks, Artificial Intelligence, Computer Organization, Microprocessor Interfacing Techniques, Machine Learning, High Performance Computing, Optimization Methods

TECHNICAL SKILLS

Python, C/C++, HTML5, CSS3, Java, JavaScript, TypeScript, Assembly Programming, MongoDB, MySQL, ReactJS, PyTorch, Tailwind CSS, GitHub, Linux, Firebase, PHP Laravel, Git, Ruby, Go, Spring Boot, ABAP, NodeJS, Angular 2.0, AWS, Azure DevOps

EXPERIENCE

Al Mulla Group Corporate Office, Kuwait *Jun. 2025 – Jul. 2025*
Software Developer Intern *Certificate*
- Worked with System Implementation department and designed, developed a comprehensive web application for the vendors, admins, and super admins from the ground up, delivering a full-featured platform for vendor onboarding, profile management, secure authentication, API integration, reporting etc.
- Collaborated closely with the SAP team to integrate enterprise systems and ensure seamless data flow.
- Participated in daily Agile stand-ups and planning sessions to coordinate requirements, prioritize tasks, and drive project progress.
- Used tools and frameworks such as PHP Laravel, MySQL, API.

PROJECTS

Vehicle Detection for Traffic Safety *Mar. 2025 - Apr. 2025*
AI project, NIT Surat YouTube | GitHub
- Used YOLO and Deep Sort for real-time object identification and tracking vehicles.
- Detects all types of vehicles and give a warning signal if any safety rules violated.
- Tech Stack Used: Python, Arduino IDE, YOLOv8.

Pluggable AI Agent Server *Jul. 2024 - Aug. 2024*
Personal Project GitHub
- A TypeScript backend AI agent with session memory, RAG document retrieval, and plugin system (weather/math) using OpenAI.
- **Tech Stack Used:** TypeScript, Java, JSON

Secret Gems Web App *Mar. 2025 - Apr. 2025*
AI project, NIT Surat Live Demo | GitHub
- Built a responsive web app to catalog and explore budget-friendly local stores, restaurants, and events.
- Used Firebase for authentication and Fire store for real-time data storage; integrated Imgur API for image uploads.
- Implemented filters, user dashboards, and a demo mode for guest exploration without login.
- Tech Stack Used: HTML, CSS, JavaScript, Firebase (Auth + Fire store), Imgur API

ACHIEMENTS / CERTIFICATIONS

- **GDSC Design Week 2025**, Secured 3rd position out of 50+ Designers. *SVNIT Surat*
- **NEXUS Web Wonders 2024**, Certificate. *Link*
- **Blockchain Masterclass**, Certificate. *Link*
- **Postman API Fundamentals Student Expert**, Certificate. *Link*

ORGANISATIONS

- **Literary Affairs Committee, NIT SURAT**: As a Junior Secretary, I gained communication and public speaking skills, along with leadership and teamwork through debates and event organizing. *Jan. 2024 – Present*
- **NEXUS Cell, NIT SVNIT**: As a member, I gained practical skills in coding, problem-solving, and emerging technologies through projects and competitions. *Jan. 2024 - Present*