

Niveditha Reddy Anumandla

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B.Tech - Computer Science and Engineering

National Institute of Technology, Surat

GitHub | LinkedIn | Portfolio

Hyderabad, Telangana, 50015



EDUCATION

Degree/Certificate	Institute/Board	Year
B.Tech - CSE	National Institute of Technology, Surat	2023-Present
Higher Secondary	CBSE	2022
Secondary	CBSE	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, Machine Learning, Computer Organization, Microprocessor Interfacing Techniques, Machine Learning, High Performance Computing, Optimization Methods

TECHNICAL SKILLS

Languages: Python, C/C++, Java, JavaScript, TypeScript, Ruby, Go, ABAP, Assembly.
Frameworks/Libraries: ReactJS, Tailwind CSS, PyTorch, Spring Boot, Angular, Laravel, NodeJS.
Databases: MySQL, MongoDB, Firebase Firestore.
Tools & Platforms: Git, GitHub, Linux, AWS, Azure DevOps, Imgur API, Arduino IDE.

EXPERIENCE

Al Mulla Group Corporate Office, Kuwait
Software Developer Intern

Jun. 2025 – Jul. 2025
Certificate

- Developed and deployed a vendor management web platform from scratch, enabling onboarding, profile management, and reporting for 17,000+ vendors; reduced manual processing by 40%.
- Integrated SAP systems via APIs for seamless enterprise data flow.
- Collaborated with 5+ cross-functional teams in Agile sprints to meet milestones ahead of schedule.
- Used tools and frameworks such as **PHP Laravel, MySQL, API**.

PROJECTS

Vehicle Detection for Traffic Safety
AI project, NIT Surat

Mar. 2025 - Apr. 2025
YouTube | GitHub

- Used YOLO and Deep Sort for real-time object identification and tracking vehicles.
- Went in depth with deep learning, computer vision and neural networks.
- 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
Personal Project

Jul. 2024 - Aug. 2024
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
AI project, NIT Surat

Mar. 2025 - Apr. 2025
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**

ACHIEVEMENTS / CERTIFICATIONS

- **GDSC Design Week 2025**, 3rd place among 50+ participants. SVNIT Surat
- **NEXUS Web Wonders 2024**, Participated as a team in web wonders competition held by Nexus SVNIT. Cert
- **Blockchain Masterclass**, Certified by Centre for Finance, Technology and Entrepreneurship, 2025. Cert
- **Postman API Fundamentals Student Expert**, Certified by Postman, 2025. Cert

ORGANISATIONS

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