Lokesh Nimmakayala

B.Tech - (2021-25)
Computer Science Engineering
Vignan's Foundation for Science, Technology & Research

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. CSE	Vignan's Foundation for Science, Technology & Research	7.4	2021-25
Senior Secondary	Aditya Junior College, APBIE Board	90%	2019-21
Secondary	Oxford KennedyHigh School, APBSC Board	9.8	2018-19

EXPERIENCE

Associate Tutor – Artificial Intelligence & Machine Learning   *Dec 2024 – May 2025*
Ulearn Company (Aditya Degree College, Andhra Pradesh)
- Delivered Python and AI/ML training to 150+ students with a 95% course completion rate.
- Mentored students in 15+ AI/ML projects, covering model development and deployment.

PROJECTS

- **Driver Drowsiness Detection using Facial Landmarking and CNN**   *Jan 2025 – April 2025*
  Machine Learning & Deep Learning Project
  - Developed a driver drowsiness detection system leveraging facial landmarking and Convolutional Neural Networks (CNN) to monitor eye closure and yawning patterns in real time.
  - Achieved 98% classification accuracy by combining machine learning techniques with deep learning models for robust detection and alert generation.
  - Implemented end-to-end pipeline including image preprocessing, model training, evaluation, and real-time alert triggering for enhanced road safety.
  - Made using: Python, OpenCV, TensorFlow, Keras, Scikit-Learn
  - This project work was published and presented as a research paper at ICMDRSE-2025, Kuala Lumpur, Malaysia.

- **SmartShop – E-Commerce Platform**   *April 2024 – May 2024*
  Web Development
  - Developed a dynamic e-commerce website with full front-end and back-end integration to support seamless online shopping and product management.
  - Designed and implemented core modules including user authentication, product catalog, shopping cart, order placement, and payment simulation for end-to-end functionality.
  - Built an admin panel enabling product, inventory updates, and order tracking with MySQL database integration.
  - Made using: HTML, CSS, JavaScript, MySQL

TECHNICAL SKILLS

- **Programming Languages**: Python, Java
- **Web Development**: HTML5, CSS, JavaScript
- **Databases**: MySQL, Firebase
- **Tools & Frameworks**: GitHub, VSCode, Google Colab, Spyder, Jupyter Notebook, OpenCV, Scikit-Learn
- **Deep Learning**: TensorFlow, Keras, standard deep learning models and concepts
- **Salesforce & CRM Platforms***: Salesforce Administration (Custom Objects, Validation Rules, Page Layouts), Process Automation (Flows, Workflows, Approval Processes), Apex (Classes, Triggers, SOQL/SOSL), UI Development (Lightning Web Components, Aura), Data Management & Integration (Data Loader, REST/SOAP API, Deployment Tools)

POSITIONS OF RESPONSIBILITY

- **Team Lead**, Vignan Mahotsav 2024 – National Youth Festival, VFSTR Guntur   *March 2024*
- **Certificate of Appreciation**, Srujanankura 2023 – Cultural Festival, VFSTR Guntur   *Dec 2023*
- **Certificate of Appreciation**, Invicto Sports Fest, VFSTR Guntur   *Jan 2024*

ACHIEVEMENTS & CERTIFICATIONS

- **NPTEL** Certified in *Leadership and Team Effectiveness*, *E- Business* , and *Privacy and Security in Social Media*
- **Myra Hackathon** Secured **2nd place** in a one-day hackathon organized by Myra Academy
- **Research Paper Presentation** Presented a research paper titled *Detection and Alert System for Drowsy Driving using Facial Landmarking and CNN* at the 8th International Conference on Multi-Disciplinary Research Studies and Education (ICMDRSE-2025), organized by IFERP Academy, Kuala Lumpur, Malaysia — **May 2025**.
- **Certified** in *Preliminary English Test* and *Business English Certificate*, conducted by Cambridge University.
- **Certified** in *Python, Java* basics, and *Problem Solving* by HackerRank.