




Likith Gannarapu

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EDUCATION

Mahindra University <i>Bachelor of Technology in Artificial Intelligence, CGPA: 8.02</i>	Hyderabad, Telangana Aug 2021 – Jun 2025
Sri Chaitanya Junior Kalasala <i>Intermediate (PCM), 98.6%</i>	Hyderabad, Telangana Jun 2019 - May 2021
Sri Chaitanya Techno School <i>10th Grade (SSC), GPA: 9.8</i>	Hyderabad, Telangana May 2018 - Jun 2019

PATENTS

IN Patent 202441058874, “Automated Short News Video Generation” published on August 5, 2024.

EXPERIENCE

Associate Engineer - AI (Intern) <i>AuroPro Soft Systems</i> <ul style="list-style-type: none">Digitized printed and handwritten documents using TrOCR and GOT (transformer-based) models, achieving 97% accuracy.Developed a software solution for end-to-end analysis of bank statements and credit reports for microfinance evaluation using Generative AI and LLM's.	Jan 2025 – Present Hyderabad, Telangana
Computer Vision Intern <i>Harvested Robotics</i> <ul style="list-style-type: none">Developed and implemented object detection and tracking algorithms using computer vision techniques.Performed speed estimation and trained object detection models on custom datasets for accurate object detection.Utilized machine vision cameras for real-time image acquisition and analysis.Integrated a laser gimbal system to target and shoot detected objects, enhancing automation capabilities.	Jun 2024 – Oct 2024 Hyderabad, Telangana
Head of the Media Club <i>Mahindra University</i> <ul style="list-style-type: none">Led the official photography club of Mahindra University, managing a diverse team of 40+ members across departments.Oversaw planning & shooting of media coverage for major campus events, conferences, and promotional activities.Handled & maintained equipment worth over Rs.50 lakh, ensuring availability and operational readiness for events.Led cross-functional media teams, managed equipment logistics, and improved operational workflows for high-visibility university events.	Aug 2023 – Jun 2024 Hyderabad, Telangana

PROJECTS

Quantum Machine Learning for Image Classification <ul style="list-style-type: none">Implemented a Quantum Machine Learning (QML) model to perform image classification tasks, using a JetRacer platform for real-world deployment and testing.Compared the performance of QML models against classical machine learning models to evaluate the efficacy of quantum approaches.	Sept 2024 – Nov 2024
Automated Short News Video Production System <ul style="list-style-type: none">Developed an automated system for producing short news videos, integrating an Embedded Hardware Device (EHD) with a camera and a cloud-based server to streamline video production for social media platforms.Designed the EHD for real-time video capture and upload, enabling seamless content creation with minimal manual intervention using a Raspberry Pi.	Feb 2024 – Jun 2024
Analysis of Earthquake Data <ul style="list-style-type: none">Collected seismic data from the PEER Ground Motion Database and processed it using SeismoSoft for detailed analysis.Refined the dataset and developed a machine learning model to perform earthquakes classification task.	Feb 2023 – Jun 2023

CERTIFICATIONS

Hugging Face Agents Course – Hugging Face Instructors

Apr 2025

Successfully completed coursework on building and deploying multi-modal AI agents using Hugging Face tools.

TECHNICAL SKILLS

Languages & Frameworks: Python, C, SQL, FastAPI, Flask

Developer Tools: Git, Google Colab, VS Code, Postman, Swagger

Libraries: pandas, NumPy, Matplotlib, scikit-learn, supervision, OpenCV

Cloud & Infrastructure: Docker, GCP, AWS (beginner)

Hardware: Raspberry Pi, NVIDIA //Jetson

AWARDS AND ACHIEVEMENTS

- Merit-based scholarship consecutively for two academic years (2021–22, 2022–23).
- Aptitude Talent Search Olympiad (INTSO) – Achieved All India Rank 5 (2015–2016).
- Qualified in the AMTI National Mathematics Talent Contest, ranked in the top 10% nationally in 2014 and 2015.
- International Mathematics Olympiad – Secured Rank 12 in Telangana & AP (2014).