



Registration No: - 20BAI10236

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Aditya Lanka

Technical Skills: Python, Java, C++, SQL, HTML, CSS, Tableau

Certifications: Google Data Analytics (In progress);

Analyttica TreasureHunt: Fundamentals of Data Analytics;

Kaggle: Data Cleaning;

EDUCATION

Board	Tenure	Educational institution	CGPA/Percentage
B. Tech (CSE)	Jun 2020 –Ongoing	Vellore Institute of Technology Bhopal	7.51/10
Class XII	May 2020	Global Indian International School Hyderabad	82.0%
Class X	May 2018	Welspun Vidya Mandir, Anjar, Gujrat	85.0%

ACADEMIC PROJECTS

Computer Vision	<ul style="list-style-type: none">• Automatic Parking Guidance System (Nov 14, 2022)<ul style="list-style-type: none">○ Description: A solution for detecting parking spaces and checking whether the parking spot is empty or not.○ Users can also use images instead of videos and run the detection on them for convenience.○ Currently working on adding GUI to make it easier for the user to select the parking spots for detection.○ Technology: Python, CVZone, OpenCV.○ Individual Project○ Link and Results: https://github.com/adilanka/Automatic-Parking-Guidance-System
AI + ML + Web Development	<ul style="list-style-type: none">• NovelArtAI (Ongoing)<ul style="list-style-type: none">○ Description: Uses specific parameters passed by the authors to make a novel art for them and also provide a place to upload chapters if they want to reach a wider range of audience.○ Users can read the monthly chapters which the authors release for everyone to read.○ Future plans involve using ads to gain revenue to provide authors who have released their chapters on this website a fair pay based on the views.○ Link and Results: https://github.com/adilanka/NovelArtAI
Computer Vision and ML	<ul style="list-style-type: none">• SmartLens (Ongoing)<ul style="list-style-type: none">○ An application which will provide specific data according to the image the user has taken and categorize it based on the user's preferences and age.○ It will also provide an option to add the topics to "Learning Category" to receive updates on it frequently.○ We can also add topics before we take an picture to provide the user with relevant information.

CO-CURRICULARS

Coding	<ul style="list-style-type: none">▪ 4 Star Java developer on Hackerrank▪ https://www.hackerrank.com/adityalanka12
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ADDITIONAL INFORMATION

Hobbies	<ul style="list-style-type: none">▪ Avid Book Reader – Read numerous novels of JK Rowling, Rick Riordan, Dan Brown▪ Playing sports – Chess, Basketball, Table Tennis▪ Currently writing a fantasy novel.
Languages	<ul style="list-style-type: none">▪ English, Hindi, Telugu