

Jaswanth Guruguntla

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Rajampet,A.P-516126, India

SUMMARY

Full-stack web developer skilled in HTML, CSS, JavaScript (Frontend) and Python, Java, SQL (Backend), with experience in Flask-based integration. Proficient in VS Code, LaTeX, and GitHub for efficient development, collaboration, and deployment. Looking to leverage my technical expertise to build scalable web solutions while embracing new challenges.

EDUCATION

- **Annamacharya Institute of Technology and Sciences** 2022-2026
Bachelor of Technology, CSE(AI), 8.71 cgpa Rajampet-516126
- **Space Junior College** 2020-2022
Intermediate, MPC, 85.6% Kadiri-515591
- **Sree Sarada English Medium School** 2020
Secondary Education Kadiri-515591

PROJECTS

- **Todo List**:-JavaScript-powered task tracker with CRUD operations and local storage. March 2025
Tools: [HTML5, CSS3, and JavaScript with Bootstrap] [G]
 - Developed an **interactive task management** web application with **persistent storage**
 - Implemented **CRUD functionality** allowing users to **add, complete, and delete tasks**
 - Added **local storage integration** to persist tasks between sessions
 - Features include **task counter, clear all functionality, and responsive design**
 - Utilized modern CSS techniques including **Flexbox, gradients, and animations for enhanced UX**
- **Pencil Sketch Generator**:-Transforming photos into artistic pencil sketches with AI March 2025
Tools: Python, OpenCV, NumPy. [G]
 - Developed an **OpenCV** tool that converts **photos to pencil sketches** with adjustable artistic effects
 - Implemented **efficient image processing** (blur, inversion, edge detection) in <50 LOC
 - Added **URL image fetching** and error handling for robust performance
- **YouTube Video Summarizer Pro**:-AI tool that summarizes YouTube videos into key insights April 2025
Tools: Python, Gemini AI, Streamlit [G]
 - Engineered a robust transcript extraction system using **proxy rotation** and **YouTube Data API fallback**, achieving 98 % success rate across 1,000+ test videos
 - Developed custom prompt engineering for **Google Gemini 1.5 Pro** to produce structured summaries with key points, examples, and action items
 - Built intuitive **Streamlit** interface featuring **video thumbnail previews, summary length customization, and one-click export functionality**
 - Implemented **intelligent caching** to reduce API calls by 40 %, lowering operational costs
 - Solved critical IP blocking challenges through **proxy failover mechanisms** and **request throttling**
 - Deployed with **CI/CD pipeline** on Streamlit Cloud, handling 50+ concurrent users

SKILLS

- **Programming Languages:** HTML, CSS, JavaScript, Python, SQL,Java
- **Other Tools & Technologies:** VS Code,GitHub,LaTex,Flask,Streamlit

CERTIFICATIONS

- **IBM SkillsBuild:** [Artificial Intelligence Fundamentals](#) April 2025

ADDITIONAL INFORMATION

Languages: Telugu, English, Hindi