

JAGRUTH VANTEDDU

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PROFESSIONAL SUMMARY

Computer Science undergraduate with a strong foundation in Java programming, Object-Oriented Programming (OOP), and core Computer Science concepts. Built web apps with Java, APIs, and automation tools such as n8n and Gemini API. Seeking an entry-level software engineering role with exposure to AI-enabled development.

EDUCATION

Bachelor of Technology in Computer Science and Engineering	2023 – Present
VIT-AP University, Amaravati	CGPA: 8.23 / 10
Intermediate – MPC	2021 – 2023
Tirumala Junior College, Vishakhapatnam	marks: 931
SSC – 10th Grade	2020 – 2021
Government High School, Chodavaram	marks: 588

TECHNICAL SKILLS

Languages: Java, SQL, DSA, DBMS, OOPs, HTML
Developer Tools & Cloud: Git, Vercel, Render
AI & Automation: n8n, Gemini API, Whisper, FFmpeg

PROJECTS

- AURA** | *YouTube Automation Pipeline* [AURA-Video-Automation](#)
- Built a one-click content automation pipeline (v1 → v3) that generates a full YouTube video — script, title, description, thumbnails, and clips — then stitches everything with audio and subtitles using FFmpeg, and schedules the upload automatically.
 - Iterated across versions using post-upload analytics to improve output quality each cycle.
 - Designed using Google Antigravity, with a custom dynamic UI featuring mouse-reactive colour trails that fade over time.
- Realckon** | *Startup Prototyping Platform* [realckon.web.app](#)
- Built a web application for sharing startup ideas and collecting community feedback.
 - Used Google Antigravity for rapid UI prototyping and configured Firebase for user authentication and real-time database storage.
- Mini Jarvis** | *Local Workflow Automation* [Mini-Jarvis](#)
- Built a local, cloud-free workflow automation pipeline using n8n to process tasks and voice commands.
 - Integrated a local Whisper AI model via Python scripts for offline audio transcription without external API dependency.

ACHIEVEMENTS & CERTIFICATIONS

- Selected as a Top Performer (1 of 84 selected from VIT-AP, 1 of 364 selected across all 4 VIT campuses) in a multi-campus coding assessment.
- Completed IBM's Generative AI certification program.