Banda Sashank

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SUMMARY

Developer specializing in building applications that solve everyday problems. Focus on creating functional and aesthetically pleasing full-stack applications with expertise in AI integration, automation tools, and creative design.

EDUCATION

Vellore Institute of Technology, Chennai   Sept 2022 – June 2026
B.Tech in Computer Science and Engineering
CGPA: 8.04/10.0

Narayana Junior College, Hyderabad   June 2020 – May 2022
11th & 12th Grade
Percentage: 95.8%

Viswabharathi EM High School, Gudivada   June 2019 – March 2020
10th Standard
Percentage: 99.1%

TECHNICAL SKILLS

- **Backend:** JavaScript (Node.js, Express.js), Python, Spring Boot, FastAPI, Flask
- **Frontend:** HTML, CSS, JavaScript, TypeScript, React, Tailwind CSS
- **Databases:** MySQL, MongoDB
- **AI Tools:** LangChain, OpenAI Whisper, Google Gemini API, Groq
- **Version Control:** Git, GitHub
- **Creative Skills:** Graphic Design (Adobe Photoshop, Illustrator, Canva), Video Editing (Premier Pro, Capcut, Inshot, After Effects)

PROJECTS

Budget Planner   🌐 ⓞ
- Full-stack application with FastAPI backend and React frontend for managing personal finances
- Features user authentication, income/expense tracking, and interactive data visualization
- Tech: React, FastAPI, Python, MongoDB, Tailwind CSS, Recharts

QueryPDF Chatbot   🌐 ⓞ
- Full-stack application allowing users to upload PDFs and ask questions with AI-generated answers
- Includes source citations directly from the text
- Tech: React, Python, Flask, LangChain, Groq, Google Gemini API

Audio-to-Text PDF Converter   ⓞ
- Web application using OpenAI's Whisper model to transcribe audio files into text
- Provides real-time progress updates and downloadable PDF results
- Tech: React.js, Flask, Python, OpenAI Whisper, Server-Sent Events (SSE)

YouTube Auto-Uploader   ⓞ
- Node.js script automating scheduling and uploading videos to YouTube
- Reads video details and file paths from Excel spreadsheets
- Tech: Node.js, TypeScript, YouTube Data API, OAuth 2.0, xlsx, dotenv

ACHIEVEMENTS

- Microsoft Certified: Azure AI Fundamentals (AI-900)
- 7th Place in Hack The Horizon hackathon at VIT Chennai
- IIT Bombay Spoken Tutorial Certificates (Python, C, C++)

LEADERSHIP & ACTIVITIES

- **Content & Design Lead:** Augmented Virtual Reality Club at VIT
- **Short Film Club:** Produced campus films and organized festivals
- **Cricket Team:** Won inter-college tournaments