

Bhavya Sri Paida

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ACADEMIC DETAILS

Vellore Institute of Technology, AP

B.Tech in Computer Science And Engineering and Business Systems **CGPA - 8.66**

FIELDS OF INTEREST

- Software Engineering, Software Development.

TECHNICAL SKILLS

- **Languages:** C, C++, Python
- **Web Development:** HTML, CSS, React.js, FastAPI
- **Databases:** MySQL, PostgreSQL
- **AI / NLP / GenAI:** LangChain, spaCy, Sentence-BERT, RAG, Generative AI
- **Tools & Platforms:** Google Colab, Jupyter Notebook, Git, GitHub, VS Code, AWS (familiarity)
- **Core CS:** Data Structures & Algorithms (DSA), Object-Oriented Programming (OOPs)

PROJECTS AND COURSES

- **AI-Powered Document QA Assistant | React, Spring Boot, LangChain, RAG, Vector Database, REST APIs** (GEN AI Project)
 - Designed and developed a full-stack AI-powered assistant that enables users to upload documents (PDF/DOCX) and query them in natural language. .
 - Implemented a Retrieval-Augmented Generation (RAG) pipeline with LangChain and a vector database (FAISS/Pinecone) to retrieve context and generate accurate, citation-backed answers.
 - Built a React frontend with a chatbot-style interface and file upload support, integrated with a Spring Boot backend for API management and business logic.
 - Enhanced the app with features like multilingual QA, summarization, and real-time interaction, demonstrating expertise in NLP, full-stack development, and AI integration.
- **AI-Powered Resume Analyzer**
 - Built a full-stack web application that parses resumes, analyzes them against job descriptions, and generates ATS-friendly match scores with improvement suggestions. Implemented NLP techniques (NER, keyword extraction, semantic similarity using SBERT) to compare candidate profiles with job requirements. Designed an interactive dashboard to visualize match score, missing skills, and career insights.
- **Courses**
 - AWS Cloud Practitioner

STRENGTHS

- Positive Attitude, Social Interaction, Hardworking.

Leadership Extracurricular Activities

- **Volunteer, Rotaract Club:** Engaged in community service projects and organized social impact events.
- **Core Member, College Fest Organizing Committee:** Managed event planning, coordination, and execution for fest events.