

# ANSUMAN SS BHUJABALA

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## OBJECTIVE

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Aspiring **Computer Science** graduate with expertise in **Generative AI**, **Machine Learning**, and **Python** programming, seeking opportunities to develop impactful, data-driven solutions

## EDUCATION

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**Bachelor of Technology, Computer Science**, Parala Maharaja Engineering College 2021 - Expected 2025  
Relevant Coursework: ML, Python, Nonrelational database, Linux, Software Engineering

## SKILLS

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<b>Programming Language</b>	Python, JavaScript, Shell Script, Nodejs
<b>Database</b>	MongoDB, Vector Databases, Pinecone, Influx-DB
<b>Machine Learning</b>	Scikit-Learn, NumPy, Pandas, Natural Language Processing, TensorFlow Hugging Face, MIFlow, BentoML, Dialogflow
<b>Generative AI</b>	Large Language Models, Retrieval Augmented Generation, OpenAI, LangChain, LangGraph, LangSmith, LangFlow, Agentic AI, Llama, Groq, Azure OpenAI
<b>DevOps</b>	AWS, Azure, Docker, Ansible, Terraform, FastAPI, Grafana, Prometheus, ELK Stack
<b>Data Analysis</b>	BeautifulSoup, Data Scraping, Scrapy, Seaborn, Matplotlib, Streamlit

## EXPERIENCE

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**Artificial Intelligence Intern** May 2024 - Till Date  
**Invest4Edu** *Hyderabad, IN*

- Designed and implemented a **LLM** based web scraper for scraping educational data from various Institutes published over the internet, with **data pipelines** handling **10 Million+ records**.
- Implemented **EDU AI** one of its kind **RAG** system from scraped data, with **69%** success rate, with **LLM fine tuning**.
- Developed **data pipelines** for building **Datasets** from large volumes of text. from **PDFs** and **unstructured documents**

## PROJECTS

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**BudgetExpert RAG.** Interactive RAG (Retrieval Augmented Generation) System to help users understand the Indian Budget by simple queries using **Open-source LLMs** ([Check it here](#))

**Paraphrasing-Engine.** Streamlined paraphrasing and summarization engine that applies **Natural Language Inference (NLI)** to ensure meaning retention between the original and paraphrased text, followed by summarization. ([Check it here](#))

**Mindflow.** Questionnaire tool for mental health professionals, providing actionable insights into **patient emotions** and behavior. ([Check it here](#))

## EXTRA-CURRICULAR ACTIVITIES

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- Actively write on [Medium](#) about my project findings with 1000+ readers.
- Participate in Major League Hacking on free days.

## EXECUTIVE MANAGEMENT

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- Admin for a Technology Community comprising over 60 individuals from various colleges, responsible for publishing technical guild reports based on group discussions.