

CHITRESH GYANANI

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EXPERIENCE

DigiVista Infotech

Software Developer Intern

Dwarka Sec-18, Delhi

May 2024 - August 2024

- Contributed to real-time software development projects, ensuring timely and high-quality deliverables.
- Communicated directly with clients in meetings to gather requirements and tailor solutions to their needs.
- Applied features using technologies like Python, which led to a 50% increase in processing speed.

SSB Digital

Python Intern

Remote

Sept 2024 - Present

- Engineered chatbots equipped with LLM models fine-tuned using RAG and LoRa for enhanced functionality.
- Implemented solutions integrating OpenCV and IoT devices for real-time data processing and automation.
- Collaborated with cross-functional teams to design and deploy AI-driven systems with 2x more accuracy.

SKILLS

Programming Languages:	Python, C/C++, JavaScript, HTML+CSS
Cloud/Databases:	Firebase, GCP, MySQL, MongoDB
Tools/Software:	PyCharm/VSCode, Git/GitHub, Docker
Operating Systems:	Windows, Linux
Libraries:	C++STL, Python Libraries
Coursework:	DSA, OS, OOPs, DBMS, Software Engineering, AI, ML
Soft Skills:	Communication, Team Oriented, Interpersonal Skills, Leadership

PROJECTS

InfoWeave - RAG based LLM Chatbot *Python, Chainlit, Ollama*

 GitHub

- Created a RAG-based chatbot using Chainlit and models like Gemma2 for retrieval and embedding.
- Implemented conversational memory and asynchronous chat interactions with source document referencing.
- Integrated Chroma vector store for efficient PDF text processing and search.

TextClip - Text Summarizer *Python, NLP, Gradio*

 GitHub

- Applied an end-to-end text summarization system using NLP techniques and deep learning.
- Utilized libraries like Hugging Face Transformers for implementing BERT-based models.
- Built a web application with Flask and FastAPI for text input and summary generation.

Podcastr - Revolutionizing Podcasts *Typescript, React, OpenAI*

 GitHub

- Developed a Next.js CRUD app using OpenAI, TypeScript, and React.
- Automated podcast creation by converting text to speech, based on user-uploaded documents.
- Streamlined podcast production, enhancing efficiency with AI-driven dynamic content generation.

InvoiceMate - Invoice Manager *Python, Gemini, Streamlit, Pandas*

 GitHub

- Created a website using Next.js, Python, and Gemini, automating PDF-to-Excel conversion for invoices.
- Enabled comprehensive invoice management with user authentication for handling multiple users.
- Optimized invoice processing, enhancing efficiency with dynamic conversion and robust tracking features.

EDUCATION

B. Tech. Computer Science and Engineering

Greater Noida Institute of Technology

Nov 2021 - July 2025

Greater Noida, UP

Senior Secondary

Kendriya Vidyalaya

August 2021

Sector-2, RK Puram, New Delhi

AWARDS/ EXTRA-CURRICULAR ACTIVITIES

GDSC GNIOT Core Team Member & Facilitator (2023-24)

GDSC-GNIOT

Career Essentials in Software Development

Microsoft

Cybersecurity Professional Certificate

Google

Docker Foundations Professional Certificate

Docker