

Academic Qualifications

Year	Degree/Certificate	Institute	CPI/%
2019 - 2023	B.Tech	Indian Institute of Technology BHU	7.3 /10.0
2018	CBSE (XII)	Reliance Academy, Gorakhpur	85.8%
2016	CBSE (X)	G.N. National Public School	9.8/10

Experience

Backend Software Development | Beehyv Software Solution Pvt. Ltd., HyderabadNov'23-Aug'24

Objective	<ul style="list-style-type: none">Implement a seamless brand-switching feature in the Dealer Portal, enabling dealers with accounts across multiple brands to switch brands without re-logging in, improving user experience and efficiency
Approach	<ul style="list-style-type: none">Designed and implemented backend logic for seamless brand switching without re-authentication.Modeled dealer-to-multiple-brand relationships with dynamic active brand context.Used Django sessions and middleware to manage and persist active brand across requests.Secured brand-switching endpoint with access control and validation checks.Enabled efficient context-aware backend responses based on the selected brand.

Automation | Beehyv Software Solution Pvt. Ltd., HyderabadJul'23-Oct'23

Objective	<ul style="list-style-type: none">Automate Dremio Cloud Services to ensure a smooth and efficient workflow for the product
Approach	<ul style="list-style-type: none">Developed automation scripts using Python to streamline various processes and improve operational efficiencyCreated and maintained Jenkins pipelines, including writing Jenkins files & YAML configurations to automate build and deployment tasksBuilt and managed multiple Jenkins jobs, ensuring seamless integration and deployment of code changesCollaborated with cross-functional teams to identify automation opportunities and implement solutions that enhanced product reliability and performance

Key Projects

E-Commerce ApplicationJun'23-Aug'23

- Utilized **React** to build a dynamic and responsive user interface
- Developed **RESTful APIs** using **Django** and **DRF** to handle product data, user authentication, and order processing
- Implemented **PostgreSQL** as the database to store product information, user details, and order records
- Created secure **authentication** and **authorization** mechanisms to protect user data and ensure secure transactions
- Tools Used:** React, Django

Content SummarizationJan'24-Mar'24

- Developed content summarization tool using **Streamlit**, **LangChain**, & **Groq API** to generate concise summaries of content
- Integrated custom URL validation & support for multiple content types using **YoutubeLoader** & **UnstructuredURLLoader**
- Designed a user-friendly interface with sidebar API key input and input validation for a seamless & secure user experience
- Leveraged a 300-word summarization prompt, processed through LangChain's robust summarization chain
- Displayed the summarization results of content from YouTube videos & website URLs in real-time on the Streamlit-based
- APP URL:** [Click Here](#)

Langgraph Based Agentic CyberSecurityAug'24-Nov'24

- Developed **agentic cybersecurity pipeline** using **LangGraph** & **LangChain** to automate security scans (**nmap**, **gobuster**, **ffuf**, **sqlmap**)
- Designed **intelligent task orchestration** with automated failure handling & dynamic task updates based on scan results.
- Integrated **scope enforcement and compliance mechanisms** to ensure controlled execution of security tasks.
- APP URL:** [Click Here](#)

Skills & Technologies

Programming: Python, C++, SQL	Tools : Git, Shell-Utilities, Jenkins
Library: Pandas, Numpy, ScikitLearn, Matplotlib, React	Framework: Django, FAST API

Relevant Courses

Generative AI	Deep Learning	Advanced Algorithm	Introduction to Machine Learning
Linear Algebra	Probability & Statistics	Data Structure & Algorithm	Software Development

Extra Curricular Activity

- Publicity Senior Advisor at FMC Weekend '23, IIT BHU :** Managed a team of 30 people which propagated information regarding the fest to general audience all over India
- Member, IIT BHU Basketball Team :** Represented IIT BHU in Basketball in Spardha, Inter IIT