

SHAIK CHAND PASHA

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EDUCATION

Chaitanya Bharathi Institute of Technology (Hyderabad, TS)

July'19-June'22

Bachelor of Engineering (**Minors** in Computer Engineering)

CGPA - 8.09

Data Analytics (9.2/10) and Research Project (9.6/10)

WORK EXPERIENCE

Cognizant

GenAI Engineer

April'23-Present

- Worked on POD to generate user-stories based on documents provided by client using Generative AI and Langgraph
- Worked on POD use case to chat with documents in natural language using LLM and FIASS index
- Played a key role in getting the project into production – conversation with all types of documents in NL

KitOlit

AI Engineer

Aug'22-April'23

- Developed the CV model (CNN) - Self-driving Car to detect Lanes and Traffic signs, used TensorFlow for training
- Developed Social Robot (Data Aug, CNN) which identifies and greets people and answers their dynamic questions

Cognizant

Intern

Jan'22-Aug'22

- Implemented Informatica Transformations on Media & Entertainment Industry for finding best profits in industry
 - Worked with Informatica Intelligent Cloud Services on developing various workflows using Aggregator and Expression transformations.
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PATENTS

Shaik; Chandpasha.2022. Robotic manipulator for pick and place applications, **Indian Patent** Publication Number - 48/2022; Application Number – 202241067534; filed November 24,2022; published December 2, 2022

PROJECTS

Smart Video Assistant (Streamlit)

Developed a conversational AI assistant(gemini-1.5-flash) capable of video chatting, detects and suggests natural language.

Drag and Drop

Dragging objects virtually on monitor by using fingers. Hand tracking module is used from cvzone

Age Prediction-ML| Image detection using CNN

Trained a CNN model to detect the age given in an image on a dataset containing 10000 images of different aged people

Mechanica

Developed [website](#) for technical fest in CBIT Sudhee'22. The platform is vibrant for students to register various events held in Institute. Used MIT Licensed Bootstrap by Blackrock Digital LLC

Bionic Arm

Developed a robotic bionic arm, designed, 3d printed and embedded with electronics and coded in C++, it works with voice commands, an app developed for transmitting voice commands via bluetooth

Pick and Place

Developed a robotic articulated arm, designed, 3d printed and embedded with electronics and coded in C++, it picks the object and places in its work volume (patent is published for the same)

SKILLS

Programming Languages: Python, C++

Python Libraries: Computer Vision, Lang chain, Lang Graph, OpenAI, Streamlit, Flask

Cloud: AWS - S3, Bedrock- Image, Audio, SES, Image Gen -titan (boto3)

Web development: HTML, CSS, JavaScript, MySQL

Others: Data structures and Algorithms, GitHub

CERTIFICATIONS

Microsoft's Azure Fundamentals | AWS – Certified Cloud Practitioner

Udemy - LangChain, LangGraph, OpenAI

HackerRank - Python, SQL (Intermediate)

NPTEL – credits (18) – Computer Vision, Machine Learning, Cloud Computing

Extra-curricular Activities

Cohort Representative in Cognizant | Event Head and Software developer - Techfest | Code Gladiators| Code jam

State 50 – ECET | **5400\$ Scholarship** | Chess – District Level| Time & Team Management | Decision Making | Adaptability