SHAIK CHAND PASHA

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Projects | Leetcode | Hackerrank | Website | LinkedIn | GitHub

EDUCATION

Chaitanya Bharathi Institute of Technology (Hyderabad, TS)   July'19-June'22
-Bachelor of Engineering (**Minors** in Computer Engineering)   **CGPA -** 8.09/10
-Selected Classes (Both Minor and Major): Cloud Computing, Computer Vision, Deep Learning, Machine Learning, Python, Cybersecurity, Block Chain Technology, Artificial Intelligence, Data Analytics, Internet of Things, Robotic Engineering, Data Structures, Computer Architecture
-Data Analytics (9.2/10) and Research Project (9.6/10)

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 **[Written complete code in C++]**

WORK EXPERIENCE

Cognizant PVT LTD – Programming Analyst   April'23-Present
-Spearheaded the successful migration of data from S3 buckets to Redshift and generated Python scripts efficiently using VS Code for streamlined automation also proficiently executed Directed Acyclic Graphs (DAGs) through Apache Airflow additionally established seamless connectivity of required files to the DBeaver framework, utilized the Cameo Interface for attribute overwriting with precision.
-The only Analyst selected for GenAI team.
Kitolit PVT LTD– AI Engineer   Aug'22-April'23
-Developed the CV model for Self-driving Car to detect Lanes and Traffic signs.
-Developing Social Robot for ISRO which identifies and great people and answers to their dynamic questions and shows to path by following it.
Cognizant PVT LTD – Intern   Jan'22-Aug'22
-Implemented Informatica Transformations on Media and Entertainment Industry for finding best profits in the industry.
-Developed Database system for High school using MySQL.
-Worked with Informatica Intelligent Cloud Services (IICS) on developing various workflows using Aggregator and Expression transformations.
-Gained knowledge on fundamentals of software including Python, MySQL.
-Hands-on experience with Unix and shell scripting.
Microsoft – Future Ready Talent Program   Sept'21-Jan'22
-Developed and deployed Fitness Website by using Azure Cloud Services. Azure Bot service, web apps, App service, Azure function technologies are used. The same demo website was deployed using AWS amplify.
Zebo.ai – AI Intern   March'21-April'21
-Developed backend part of website for detecting wrinkles, dark spots in a face.
-EfficientNet Neural Networks from Keras and TensorFlow is used.
-Familiarized with Artificial Neural Network functions including gradient descent, stochastic descent, ramp function and gaussian function.
-Understood backpropagation, perceptron, and multilayer network.
-Convolution Operation Pooling.

ACADEMIC RESEARCH PROJECTs

Development of 3D Printed Bionic Arm controlled with voice commands.

-Worked with FDM machines for printing parts of Bionic arm and integrated them with electronic components (Arduino) and created an app for transmitting voice instructions to arm.

- The product is made from scratch using eco-friendly thermoplastic material.
- The app is made by using design logics.
- The project is developed in Institute's Research and Development center under prof. Ch. V. Sushma

Controlling Robot Manipulator by using wireless technology for handling IC chips in industries.

-Developed Manipulator by using 3D printing machines and developed kinematics equation for controlling the motion of manipulator for various positions.

-Smart phone-controlled Robot Manipulator.

-Dedicated the project for Mechanical department and it was reviewed as one of finest projects in Institute.

INDUSTRY RESEARCH PROJECTs

Development of 3D printed Self Driving Car with Computer Vision.

-Worked with FDM machines for printing parts of Car and integrated them with electronic components (Rpi3).

- The product is made from scratch using eco-friendly thermoplastic material.
- CV model is integrated with Car via ssh terminal from PyCharm to RPi OS.

CS Projects

Seleno-foods: Worked on front-end part of the website seleno-foods which is a platform for ordering food in a gated community.

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

Drag and Drop: Dragging objects virtually on monitor by using fingers with computer vision technology. Hand tracking module is used from cvzone.

Face Detector: Developed a website where an image can be uploaded, and it detects all faces in the image. Flask and OpenCV are used for seamless integration and face detections consequently.

TodoList: Developed and deployed a Todo list web app, named ToDoList, utilizing GitHub for version control and AWS Amplify for hosting.

Technologies and Tools

Azure Fundamentals – Microsoft | ChatGPT Course -Udemy **|** Python, SQL (Intermediate) – Hackerrank **|** 18 SWAYAM NPTEL credits| Software Defined Networks – Coursera | GitHub | Solid works | Google Cloud Platform, Azure, AWS - S3, Glue, Redshift, amplify |Informatica PowerCenter **|** Data visualization| TensorFlow-Keras, OpenCV, Django, HTML, CSS, MySQL, PostgreSQL

Extra-curricular Activities

Cohort Representative in Cognizant | Event Head and Software developer - Techfest | Code Gladiators| Code jam | State 50 – ECET | 5400$ Scholarship | 18 Credits- Swayam NPTEL | Chess – District Level | NGO | Time Management | Decision Making | Adaptability | Team Management | Tech Enthusiast |