SHAIK CHAND PASHA

Hyderabad, TS, India | +91 9100633821 | chandpashashaik115@gmail.com
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)**

Technologies and Tools

Certifications: Azure Fundamentals – **Microsoft** | ChatGPT Course -**Udemy** | Python, SQL (Intermediate) – **Hackerrank** 18 **NPTEL** credits| Software Defined Networks – **Coursera**
Cloud: Google Cloud Platform, Azure, AWS - S3, Glue, Redshift, amplify.
ETL: Informatica PowerCenter, Apache Airflow, DBeaver, Cameo
Languages: C, C++, Python
Python: TensorFlow, Keras, OpenCV, Django, Flask
Web: HTML, CSS, JavaScript
Database: MySQL
Others: Data structures and Algorithms, Github

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.
- Extraction of data from business balance sheets using GEN AI prompting services.

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 which identifies and greets people and answers 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.

Microsoft – *Intern* ***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 (FRT-Program).
- 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.

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 logic.
- 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

3D printed Self Driving Car with Computer Vision.

- Managed the development of a self-driving car system from data collection to model deployment, resulting in a 20% increase in model accuracy compared to baseline models.
- Designed and implemented a CNN architecture that achieved a 15% reduction in mean squared error (MSE) on the validation set, demonstrating superior performance in steering angle prediction.
- Successfully deployed the model on a Raspberry Pi, achieving a 25% improvement in real-time responsiveness compared to previous iterations, showcasing efficiency in edge computing.

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++]**

Personal 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.

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 | NGO | Time Management | Decision Making | Adaptability | Team Management | Tech Enthusiast | Optimistic | Tranquil