

SHAIK CHANDPASHA

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EDUCATION:

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(CBIT), Hyderabad, India —
Bachelor of engineering in Mechanical Engineering

July 2019 - July 2022

CGPA – 8.09/10

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY, Hyderabad, India —
Additional Minor Engineering Degree in Computer Engineering

GOVERNMENT POLYTECHNIC, Warangal— Diploma

July 2015 - Aug 2018

Percentage – 72.12%.

SRI VYSHNAVI CONCEPT SCHOOL, Kodad — Secondary School Certificate

July 2014 - March 2015

CGPA – 9.2/10

ACADEMIC PROJECTS:

Prosthetic Arm, BE, CBIT (2022)

- Designed and developed a prosthetic arm using 3D printer
- Integrating it with electronic components like Arduino, Bluetooth Module
- Code is written in embedded C on Arduino IDE
- App is made to send Voice commands to Robotic Arm using MIT app maker
- Works with Voice commands (like saying “open hand” will open all fingers of hand)

WORK EXPERIENCE:

Cognizant Technology Solutions, Hyderabad, India—Programmer Analyst Trainee
(2022)

- Learnt SQL- MySQL, [Informatica PowerCenter](#) (ETL Tool).
- Worked on a project on Media and Entertainment for finding best profits and productions of each unit by using [Lookup](#), [Aggregator](#) and [Expression transformations](#) from Informatica.

Zebo.ai, Bengaluru, Karnataka, India— *AI Intern (2021)*

Worked and Developed Backend part of Website for the Health Consultant company- Zebo.ai

- The site is about -detecting wrinkles, dark spots for given face images.
- [Efficientnet neural networks](#) from Keras and [TensorFlow](#) are used.

Created an AI model for predicting heart risk factors. (Mini Project)

- [Sequential Model Algorithms](#) from Keras and [TensorFlow](#) are used.

Elite Techno Groups, Hyderabad, India— *IoT Intern (2020)*

- Worked with Arduino and Raspberry Pi modules for Home-automation.

OTHER CERTIFICATIONS

- Software Defined Networks from [Coursera](#)
- Python Capstone Project from [Coursera](#)-Modifications on Images
- [Google](#) - Code Jam 2021
- 6th All India Math Science Talent Examination - 900 rank (2013)
- 4th International English Olympiad
- 4th International Math Olympiad
- 4^{1st} Mathematical Olympiad conducted by Andhra Pradesh Association of Mathematics Teachers

PERSONAL PROJECTS

Seleno-foods: A web food app that helps gated community people to find the types of food available in the apartment (Frontend part)

Drag and Drop: A Computer Vision Project that drags and drop the images by using gesture of hand like dragging image with two finger attachment and dropping by and dropping with detachment of fingers

Robotic Arm -B: A Robotic Arm is made with 3d printing and app is done using MIT app inventor and code is done in Arduino software. Arm is used for pick and placing objects using app. It also stores path and moves along the path.

Car-B: A car that runs using Bluetooth. Arduino is used and code is written in Arduino software using C.

TECHNICAL SKILLS AND INTRESTS

LANGUAGES: Python | Data Structures & Algorithms | MySQL | C | HTML | CSS | JavaScript (beginner)

TOOLS: Pandas | NumPy | Pygame | Keras | TensorFlow | Informatica-PowerCenter |Django

TESTS: Qualified for Semifinal round in Code Gladiators (2021)

COURSEWORK

Selected courses: C, Data Structures, Artificial Intelligence, Operations Research, Kinematics and Dynamic of Machines, Robotic Engineering, Block Chain Technology, Data Analytics, Principles of IoT, Basics of Cyber Security.

- Secured **90% in Data Analytics**
- Secured **90% in Major Project**

Minor courses: Python, Machine Learning, Deep Learning, Computer Architecture, Computer Vision, Cloud Computing (Certified by **Swayam NPTEL – 18 credits**)

RECOGNITIONS AND AWARDS

- Recognized as **NPTEL MOTIVATED LEARNER** by **IIT Madras** which is ranked as NO.1 Institute in India by NIRF ranking.
- Recognized by District level government in **CHESS** tournament and it was featured in a news article by regional newspaper.

LEADERSHIP

- **Event Head, Mechanics** – National Level Technical Festival in CBIT, conducted more than 10 events which included both ASME and SAE events.
- **Cohort Representative** – Acted as Representative between the coach and cohort members in Cognizant Technology Solutions pvt. Ltd.

EVENTS, CONFERENCES:

- Member of **NDLI** club developed by **IIT Kharagpur** and sponsored by **Ministry of Education-India**
- Attended Global Event: Cyber security attacks and how to protect yourself?
 - Resource person: **DR. Yudhishthira Sapru**, Scientist- D & Cyber Security Expert, Computer Emergency Response Team- India (CERT-In), Ministry of Electronics and Information Technology, Government of India
 - Moderator: **Professor Partha Pratim Chakrabarti**, Principal Investigator-NDLI and professor- Computer Science Engineering, IIT Kharagpur