

CURRICULUM VITAE

Manoj Chaudhary

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OBJECTIVE:

Seeking a position in life to utilize my skills and abilities and achieve professional growth while being resourceful, innovative and flexible. To add valuable assets to your esteemed organization as an active member.

Have travelled to the USA for Clients and has successfully completed and generated new opportunities.

EDUCATION:

Examination Passed	Board/University	School/College	Percentage/ CGPA/ Division	Year of Passing
BSc IT	Amity university Rajasthan	Amity university Rajasthan	7.2 CGPA	2015
12	Central board of secondary education(CBSE)	Birla Public School	I division	2012
10	Central board of secondary education(CBSE)	Nirmala Convent School	I division	2010

TECHNICAL EXPERIENCE:

- ❖ Languages: Python, C, C++, Django, AWS Lex, Dialogflow, RASA, Apache Airflow
- ❖ Platforms: Windows xp/98/95, 2000,7,8,8.1 and Linux
- ❖ Areas of Specialization: Artificial Intelligence, Machine Learning, Humanoids, Drones, Image Processing using MATLAB and OpenCV, Internet of things, Cassandra, ETL tools (xplenty, extract.io, dataddo), Jira, Backlog
- ❖ Certifications: Image Processing (Distance Learning) from MOOC, UK
 - Advanced SQL
 - Natural Language processing
 - Deep Learning
 - Intro to Machine Learning
 - Intermediate Machine Learning

- Intro to SQL
- Pandas
- Machine learning Explainability
- Data Visualization

Projects: Human Automation System, GSM Tracking Device, NAO v5, Prosthetic Arm, Bionic Arm, Industrial Arm, Drone Ambulance, without using GPS for path navigation, Industrial Arm, Micro Mouse, Interactive Head, Automatic Selfie Taking Drone, a humanoid converted into dog dinosaur and biped, Line following bots, Survey on extinction on Peacock.

Work Experience: -6 years 8 months

R systems International Aug 2021

Roles and Responsibilities: -

Understand client requirement and work on fulfilling and creating new opportunity

Project: - create a search engine to find similar images

Technologies used: - **Cosine similarity**, KNN, Microsoft Azure, Xplenty

Virtual Assistant for teachers: -

Roles and Responsibilities: -

Development, Maintain database

Project: - create database and develop pipeline for upload

Technologies used: - Python, Rasa, Cassandra, Apache Airflow

Droisys Inc: - Software Engineer from Aug 2019 Roles and Responsibilities: -

Responsible for working on development in the field of python and AI

Project 1: - Text extraction on Wine Menu

Technologies used: - OCR module with Python and flask, made an API using flask, **Google API**

Project 2: - Recommendation System

Technologies used: - Machine learning (logistic regression) using Python, Amazon S3

Project 3: - Correct Orientation of Images

Technologies Used: - ImageNET module, Python

Project 4: - Web App for Wine Menu and

Backbar Technologies used: - Django, Python

Project 5: - Backbar brand and price extraction

Technologies used: - ETL(**skyvia**), YOLO model, OCR, python

Project 6: - Chatbot

Technologies used: - Dialog Flow, Python, **NLP**, Apache Airflow

Project 7: - Microsoft Chatbot

Basically A and B level support using assistant for creating ticket and Human transfer

Technologies used: - Python, Azure, NLP, Xplenty

Amity University Gurugram- Head Centre for Robotics 1 year in total
Roles and responsibilities: -

Google Assistant Integration with Nao

Robot: NLP, Python

Research on humanoid projects which works on Python and Computer Vision

3D printer

Autonomous Drone Navigation

Bowling Robot

Robot Operating System

Technologies used: -Python, AI, ML, Django++, SQL, and Flask, NLP, Airflow

SRIX Incubator Warangal- Research Associate 1 and half year in total

Roles and responsibilities: -

Research with latest startups to scale their solutions to next level as only technology startups

Technologies used: - Python, NLP, Machine Learning (regression, Classification),Apache Airflow,S3

Wingfotech Pvt. Ltd: - Software Engineer 1 year in total

Roles and responsibilities: -

Customer support Chatbot For e-commerce: Handling Customer complaints and transferring human NLP using RASA

Development of projects as per requirement

Project: - Attendance system using Face id as Bio-metric

Technologies used: - Computer Vision, Python, Django, Flask,Apache Airflow , Nosql

Project: - Hand Gesture recognition

Technologies Used: - Python, Computer Vision, Django, and Flask, S3

Panda Projects Gurugram :- Software Developer 6 months in total

Roles and responsibilities:-

Responsible for development and gather requirements and work with team of 8 people

Project 1: - Automatic Number Plate Recognition

Technologies Used: - Computer Vision, Python, and Cassandra

Project 2: - Unattended Bag detection

Technologies used: - Machine learning (classification), Computer vision, Django, and Python

Project 3: - Flight delay in advance

Technologies used: - Machine learning (logistic regression, Linear regression), Python, AWS lambda

Project 4: - Generating priority for mails using clues

Technologies used: - Machine learning, Recommendation system, Python, Xplenty, Nosql

ACHIEVEMENTS:

- ❖ 22nd Rank in International mathematical Olympiad all overstate.
- ❖ Gold level in National children science congress state level.
- ❖ Two times first prize winner in robotics event in Birla Public School all over Birla education trust.
- ❖ Two times selected for NASA moonbuggy race 2013 and 2015.

- ❖ Two times finalist in International robotics challenge 2013 and 2015.
- ❖ Two times selected for Robo Games San Mateo California 2013 and 2015 world's largest robotics event.
- ❖ Got selected in Robo Cup German 2015 and Robo Cup Brazil 2014.
- ❖ First prize winner in hyderabad robotics competiton.
- ❖ Second prize winner in NIT Kurushetra in open show.
- ❖ Finalist in International autonomous robotics challenge 2013 and 2015.
- ❖ Got innovator award at national level in 2015.
- ❖ Got maker badge in 2015.
- ❖ Won Hack a goal event in all over asia.
- ❖ Recognized at university level for open show of drones, humanoids and Prosthetic arm.
- ❖ Got sixth position all over the world in Amazon picking challenge.
- ❖ Organizer by ICRA seattle WA.
- ❖ Got selected for international aerial robotics event Beijing.
- ❖ Got selected for United Nations trade and development programme.
- ❖ Got team spirit award. ❖Became lead person in centre for robotics.
- ❖ Campus ambassador from CCFIS ,national level universities in technical conferences.
- ❖ Got international recognition in bionic arm.
- ❖ Worked with MIT kumbhathon for the society to help with technical things 2015.
- ❖ Got third prize in autonomous football playing bots.
- ❖ Got selected for International Aerial Robotics challenge 2015.

SOFT SKILLS:

- ❖ Strong Analytical mindset: work in a systematic approach with ability to meet timelines.
- ❖ Good problem solving and decision-making skills.
- ❖ Excellent Time Management and People Management Skills.
- ❖ Strong Values: Believe & follow strong values in both personal and professional life.

OTHER ACTIVITIES & HOBBIES:

- ❖ Reading Books.
- ❖ Playing Cricket and Football
- ❖ Travelling.

PERSONAL PROFILE:

Name: Manoj Chaudhary
DOB: 16-08-1994
Gender: Male
Permanent Address: H.no.246 D.m road, shanti niketan
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Contact Number: 7060005051
Languages Known: English and can read Hindi and Spanish.
References: Dr. Deepshikha Bhargava, 9828513311
Dr. J. S. Sodhi: -9810845395
Vaibhav Chhabra: - 7710991000
Aditya Gupte : - 9833518920

DECLARATION:

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Manoj Chaudhary

Date: - 08-04-2022