

Chinnabathini Arogya Vamshi

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Internships

Machine Learning Intern at Indian Servers, Vijayawada, 5/2023 – 7/2023

Worked on developing a chatbot integrated to a machine learning model, it's basically a Natural Language processing model where it is commonly used to communicate between a machine and an end user. It can analyze the data and answer our questions. Worked on pre-trained models such as BERT and so on.

Cyber Security Intern at International Institute of Digital technologies, 2/2024 – 4/2024

Learnt the security issues and vulnerabilities exploitation of different systems, learnt ways of a system can be attacked, using different exploitation techniques. Learnt techniques such as vulnerability scanning, payload generation and windows7 exploitation.

Education

Andhra Loyola Institute of Engineering and Technology, Andhra Pradesh, Vijayawada

Bachelor of Technology in Computer Science and Engineering(4 years), May 2024

CGPA 8.1/10

St. Jerome's PU and Degree college, Bengaluru, Karnataka

Higher Secondary Education – Science, May 2020

Percentage 75%

Dayananda Anglo Vedic High School, Puttamgandi, Nalgonda, Telangana

High School, May 2017

CGPA 9.7/10

Technical Skills

Skills in Machine Learning, Web Development

Tools:

- **Data Science:** Python with NumPy and Pandas
- **Programming Technologies:** Java: OOPs, collection frameworks, C, SQL, Python
- **Web development:** HTML, CSS, JavaScript

Certifications

- **Continuous Integration and Delivery – DevOps :Infosys Springboard**
Learnt why, and what and how of DevOps, learnt automated pipeline of tasks in SDLC. Learnt to create an automated CICD pipeline using Opensource tool stack. The main skill is **Continuous integration – Java**
- **Cybersecurity: Cisco Networking Academy**
Learnt basics of being safe online, including what cyber security is and its potential impact. Learnt about cyber threats, attacks and vulnerabilities.

- **Programming, Data Structures and Algorithms using Python: NPTEL**

It goes on to cover searching and sorting algorithms, dynamic programming and backtracking, as well as topics such as exception handling , using files, linked lists and binary search trees.

- **The Joy of Computing using Python : NPTEL (IIT Madras)**

Turning abstractions to insights and engineering to art, the course focuses primarily to inspire the learner's mind to think logically and arrive at a solution programmatically. Learnt how to practice and culture the art of programming with Python as a language.

Publications

Publication title: “Crop Monitoring and Optimization Platform”

Published in Industrial Engineering Journal

ISSN: 0970-2555

Volume: 53, Issue 5, No.4, May: 2024

Languages

- **English** -Fluent
- **Telugu** - Native
- **Hindi** – Moderate

Other Skills

- Communication Skills
- Leadership Skills
- Computer skills
- Management skills

Extra curricular Activities

- Sports and games

Education support volunteer at Make a Difference NGO