

# Abhijit Majumder

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Portfolio Website:- <https://portfolio-website-8xkd.onrender.com/>

## Skills

**Languages:** C++, Java, Python, SQL, HTML, CSS

**Technologies & Tools:** AWS, EC2, Mysql, S3, Ansible, Lambda, Jenkins, Openshift, Kubernetes, Docker, AI, ML, Deep Learning, Computer Vision, NLP, Linux, Networking, DevOps

## Work Experience

**LinuxWorld Informatics Pvt Ltd, Jaipur**

Oct 2023 - Jan 2024

### Technical Volunteer

- Skillfully assist students and professionals in setting up tools for various projects.
- Specialize in guiding individuals through the completion of projects to ensure success.
- Continuously enhance skills through collaboration with experts in the field .

**Bharat Intern, Bangalore**

Sept 2023 - Oct 2023

### Machine Learning Intern (Remote)

- Implemented a House Price Prediction model utilizing Random Forest Regression
- Played a key role in the IRIS Flower Classification project
- Python, Machine Learning, sk-learn, Pandas, Numpy, Matplotlib, Seaborn

## Education

**Government College of Engineering and Textile Technology, Berhampore**

Aug 2020 – Jul 2024

B.Tech. in Computer Science and Engineering

**CGPA: 8.71/10**

Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Data Structures and Algorithms, Information Retrieval

**Gorabazar Iswar Chandra Institution, Berhampore**

2018 - 2020

Higher Secondary Exam, Science

**Percentage- 84%**

## Project Work

### 1. Developed Flask-ML Website and Orchestrated Kubernetes Deployment :-

- Created a Flask-based website, integrating Machine Learning models to predict house prices, flight fares, and offer movie recommendations.
- Leveraged Jenkins pipeline to deploy the web application in Kubernetes, ensuring scalability and reliability.
- Successfully crafted a Docker image to streamline deployment and management.

### 2. DevOps Project:- Using Jenkins, Kubernetes, Docker, Github, Apache Webserver :-

- Upload code in GitHub using developer system.
- Automatically Jenkins trigger job, first it create docker image.
- Deploy the image in DockerHub and Using same image launch.

### 3. Virtual Assistant Using Python:- Simplified many task like send Email, search on Youtube, search Wikipedia, insert data inside database, search in chatgpt, and search Geolocation using voice control

### 4. Launch AWS Service(like EC2 instance) Using Your Finger gesture :- Customized by python for detect your finger when my finger up instance launch and using down finger you can delete your instance.

### 5. Face Detection System:- Using Artificial Intelligence :- Detect the face of your employ using camera and store the information into a excel sheet

## Certificates & Training

- ARTH3.0 Training by LinuxWorld
- AWS Cloud, MOJO Programming on Linux World
- AI Foundations Associate (1Z0-1122-23) on Oracle
- RH294 Training Certificate on Redhat