

# Aritra Pal

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## EDUCATION

### INSTITUTE OF ENGINEERING & MANAGEMENT

B.TECH IN COMPUTER SCIENCE  
ENGINEERING

Current GPA: 9.77

June 2023 | Kolkata, WB

### ARMY PUBLIC SCHOOL

CBSE XII, COMPUTER SCIENCE

Grade: 89.2%

April 2019 | Barrackpore, WB

### ARMY PUBLIC SCHOOL

CBSE X

CGPA: 9.4

March 2017 | Barrackpore, WB

## LINKS

Github:// [Aritra-20](#)

LinkedIn:// [aritra20](#)

HackerRank:// [paritra2001](#)

## SKILLS

### PROGRAMMING

Language:

Java • C++ • HTML • CSS

Familiar With:

MySQL • OpenCv • Kaggle • Numpy

• TensorFlow

General:

OOPs • DBMS • Software Engineering

## EXTRACURRICULAR

### ACTIVITIES

- Technical Team - CSI IEM Chapter
- Event Promotion & Management Team - IIC / GDSC IEM
- Volunteer - Smart Makers Festival

## LANGUAGES KNOWN

- English
- Hindi
- Bengali

## INTERESTS & HOBBIES

- Listening Music • Watching Movies
- Volleyball • Badminton
- Teaching Juniors

## EXPERIENCE

### MICROSOFT FUTURE READY TALENT | INTERNSHIP

- LEARNED THE MODULES AZ900, AZ204, AI900, AI102 (FROM MICROSOFT LEARN) | CREATED THE BOT WITH THE HELP OF AZURE SQL DATABASE AND LOGIC APPS CALLED "HOSPITAL CHECK-IN".

- Automatically create a check-in for the user in the hospital.
- Deal with patient day-to-day healthcare problems and help them in Covid-19 Assessment.

Oct 2021 - Feb 2022 | Virtual

### NATIONAL UNIVERSITY OF SINGAPORE | INDUSTRIAL VISIT + STUDY ABROAD PROGRAM

- TRAINING ON AI/ML, LEARNED ABOUT OBJECT DETECTION AND IMAGE PROCESSING.

Jan 2020 - Feb 2020 | Singapore

## PROJECT

### SENTIMENT ANALYSIS OF HINDI-ENGLISH MIXED TWEETS

- This is based On NLP(Natural Language Processing).
  - Deep techniques are used to develop this model.
  - Classification based Supervised Machine Learning.
- Kaggle Link:** <https://www.kaggle.com/aritrpal3196/TweetsAnalysis>

### TECHNICAL DOMAIN IDENTIFICATION USING DEEP LEARNING

- This is also based On NLP(Natural Language Processing).
- Deep techniques are used to develop this model.
- Classification based Supervised Machine Learning.

### MUSIC-ROOM

- Collaborate and maintain a playlist with friends real time. Create a room and let friends join you. Real time chat with everyone in the room is also possible through this site. See the rooms your friends are currently at; Rooms are private; one can join only if they have access to it or an invitation link. Members of a room can grant/revoke access to their friends.

**Tech Stack-** HTML5, CSS3, Bootstrap, JavaScript, Django, PostgreSQL, NodeJs, redis(Pub/sub), Music Recommendation System

**Github Link:** <https://github.com/Aritra-20/music-room>

## CERTIFICATIONS

- HTML, Bootstrap, CSS | Infosys Springboard
- DIGITAL SKILLS: AI | Accenture
- Workshop on Python, ML, AI, IoT and Robotics | Projectathon 2019
- 30 Days of Google Cloud

## PUBLICATIONS

- [1] D. Banerjee, A. Pal, R. Tiwari, and M. Chowdhury. Effects of displacement damage in silicon devices. *International Conference on Condensed Matter Physics, IEMPHYS*.