

# ARPITA ROY

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## CAREER OBJECTIVE

I am an observer and achiever who observes the pattern and learns to convert it into a real-world application. I want to be a software engineer and contribute to the real world and motivate others. I adapt with work environment and believe in team work.

## EDUCATION

B. Tech in Computer Science and Engineering	2024	College Of Engineering and Management, Kolaghat (MAKAUT)	9.5 CGPA
Higher Secondary Education	2019	Jalsara Ramkrishna HighSchool (WBCHSE)	91%
Secondary Education	2017	Radhanagar Dinamoyee Vidyamandir (WBBSE)	90%

## TECHNICAL SKILLS

**Programming Languages:** C, Java, HTML, CSS, PHP, SQL, Python

**Course Work:** Data structures, Object Oriented Programming, Database Management

**Tools:** VS Code, Git

**Software:** Teamcenter

## PROJECTS

### Stress Detection Using ML | Python | [GitHub](#)

- ♦ This application accepts a user-entered sentence, conducts an analysis, and produces a binary output: "1" indicates the presence of stress, while "0" signifies the absence of stress in the sentence.
- ♦ It uses a dataset for training and testing the model and use binary classification algorithm to determine the emotional state conveyed by the user's input, offering a quick and automated way to assess stress levels based on the sentence's content.

### Google Search analysis | Python | [GitHub](#)

- ♦ This model utilizes the Google Search API to generate a search history report for a specific keyword across selected countries. It compiles data on the frequency and trends of the keyword's appearance in searches within those countries. Here used different python library like Pandas, Matplotlib.
- ♦ This tool provides valuable insights into the keyword's popularity and user interest across different geographic regions, aiding in market research and content optimization strategies.

### YouTube Comment Sentiment Analysis | Python, Google API, HTML, CSS, JS, PHP, Flask

- ♦ This is an opinion mining project which takes a user's chosen topic, identifies the top YouTube video on that subject, and analyzes comments within a specified range.
- ♦ It assesses each comment for subjectivity (opinion vs. fact) and polarity (positive, negative, or neutral sentiment), providing valuable insights into public opinions on the topic.
- ♦ Here used two Technique Supervised and Unsupervised to build the model. The supervised model gives us more accurate result as compare to unsupervised model.

## Portfolio | HTML, CSS, JS [Live](#)

♦ It is my personal website where I showcase my skills, qualifications, achievements, projects, and professional experience. It serves as a comprehensive portfolio, offering visitors a glimpse into my expertise and accomplishments. Here, I highlight my career journey, achievements and successful projects to showcase my capabilities and potentiality

### Minor Projects:

Rock-Paper-Scissor Game | Java [GitHub](#)      Signup modal | PHP, HTML, CSS, SQL [GitHub](#)

## EXPERIENCE

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### **BavisTech**

**Dec, 2023 - Present**

Currently working as an intern in this organization and my domain is PLM where working on Teamcenter Software.

### **IBM SkillsBuild**

**July -August, 2023**

Selected as a Virtual intern for Frontend Development (FED) in association with AICTE and Edunet Foundation. [Certificate](#)

### **Ardent computect pvt. Ltd**

**July – August, 2022**

Completed internship on Machine Learning with a project. [Certificate](#)

### **TalentBattle**

**Jan- Feb, 2023**

Completed ML project on **Stress detection**. [Certificate](#)

## ACHIEVEMENTS

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1. Completed iWE league scholars' program from **Goldman Sachs**. [Certificate](#) Sep – Dec 2022
2. Completion of Basic java from **Coding Ninjas**. [certificate](#) March 2023
3. Completed Ananya mentorship program under **Atlasian**. June 2023 – Dec 2023
4. completed an 8-week online training on Web Development with project from **Internshala**. [Certificate](#)
5. Secured Highest YGPA in 3<sup>rd</sup> year.

## EXTRA-CURRICULAR ACTIVITIES

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- Head-Coordinator of Web Development event in college annual tech fest.
- Participated in intra college Hackathon. [certificate](#)
- Participated in Google cloud arcade facilitator program 2023.
- Organized departmental wall magazine.