



Arundhati Sarkar
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CAREER OBJECTIVE

To work in a learning and challenging environment, utilizing my acquired skills and knowledge to provide the best of my abilities and contribute positively to my personal growth as well as the growth of the organization.

PROFESSIONAL SUMMARY

- Experience in software development in Python
- Experience in developing web applications by following Model View Controller(MVC) Architecture using server side application Django
- Experience in web application development using php, html, css, mysql
- Experience in working in various IDE's like Pycharm, Netbeans and VS Code
- Ability to work independently as well as a part of a team
- Experience in Object Oriented Python, Mysql, Django, Multithreading

TECHNICAL SKILLS

- Programming skills – C, Java, Python
- Database- MySQL
- Web Technology – HTML, CSS, PHP, Javascript
- Framework - Django

EDUCATION

Program	Institution	%/CGPA	Year of completion
B Tech in CSE	Indian Institute of Information Technology Guwahati	6.31/10	2020
XII	Deshabandhu Bidyapith Higher Secondary School, Hojai	80.30%	2016
X	Don Bosco High School, Hojai	80.83%	2014

COURSES

- **Python Development from Netzwerk Academy (April 2020 – July 2020)**

INTERNSHIPS

- **Remote Content Writing Intern at Mono Graphics, Kanpur** (May 2018-July 2018)
My job was to provide various informative articles which were published on their site. The articles were related to any of the topics on health, beauty, tourist places and so on.

PROJECTS

- **Feedback Management System (Feb 2018-April 2018)**
The aim of the project was to create an online feedback system for college/school to reduce the wastage of paper and to focus on the convenience of students to provide their valuable feedback for the faculties and also to save the time of the faculties in checking their respective ratings.

Roles and Responsibilities:-

1. Created user interfaces for the website and integrated with the backend
2. Managed the creation of database and its components

- **Timetable Management System**(Jan 2019-April 2019)

The objective of the project is to reduce the workload of institutions while creating timetable/schedule for the institute's curriculum.

Roles and Responsibilities:-

1. Integrating the front end with the backend
2. Managing the database and its components

- **Image Super Resolution** (July 2019-June 2020)

The project's main aim is to super resolve low resolution images to their higher resolution counterpart and produce a clear super resolved image. Be it camera surveillance or medical field, image super resolution has many applications in various fields.

Roles and Responsibilities:-

1. Finding out the existing models and getting their advantages and disadvantages
2. Creating a new model by combining the existing models for unsupervised image super resolution.

MINI PROJECTS

- **Calculator for financial planning**

This calculator helps in financial planning i.e., how much money should we invest for our dream home, dream car and other goals if any etc. for the future and get a rough estimate of the investment required. This is built using html, css and javascript.

- **Snake game**

This is a basic snake game using python pygame module which includes the movement of the snake and shows the score of the game at the top.

POSITIONS OF RESPONSIBILITY

- **Event Management Team in YUVAAN**

(Jan 2018-Feb 2018)

- Being an active member of the team, my responsibility was to manage the literature and arts section of the fest providing with necessary requirements and event rules

IITG CLUB

- **Music club**

I am an active member of the music club. This club comes up with various songs, compositions and mashups during YUVAAN (annual technical and cultural fest) and also for different colleges and competitions during their fests.

- **Dance club**

I am also a member of the dance club which produces various dance mashups and beautiful choreographies for different competitions and also for the entertainment and refreshment purpose.

EXTRA-CURRICULAR ACTIVITIES

- Singing
- Carrom

ACHIEVEMENTS

- Gold medalist in carom at Yuvaan (Techno-cultural fest of IITG)
- Gold medalist in group dance competition in Alruwhani(IITG Dance Competition)