

Isha Shaw

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EDUCATION

BTech in Computer Science and Engineering

| Aug 2019 - Jun 2023

IIIT KALYANI, WEST BENGAL

- Grade (CGPA): 9.02

WORK EXPERIENCE

PRESEAR SOFTWARES PVT LTD | JUNIOR SOFTWARE DEVELOPER

| April 2022 – Oct 2022

- **Collaborated** with a team of 3 individuals to build a fully functional website using **Django**, a Python web framework.
- **Designed** and **executed RESTful APIs**, fostering seamless communication between the front-end and back-end.
- **Implemented user authentication and authorization** using Django's authentication system, ensuring secure access(TLS 1.2) to the website.

IIIT KALYANI | ACADEMIC RESEARCHER

| August 2021 – May 2023

- **Researched** and investigated the field of **person re-identification (reID)**, and worked with 20,000 of images.
- Designed and implemented **deep learning** models and **attention models** for person reID tasks, improved the results by 10

PROJECTS

RAKSHA

PYTHON, FLASK, DEEP LEARNING

- Virtual self-defense trainer.
- Estimates human pose using a **webcam** and **mediapipe** and analyzes the pose in order to give a **score** and performance based review.
- Accuracy is ideally **50 percent** and **Deployed using Flask**.

SANGEET

PYTHON, DJANGO, SQLITE

- A Music Box made with **Python Django Framework**.
- Uses **SQLite** as DataBase.
- It has **search Engine** for searching Song based on different keyword.

MEDICARE-PRIME

PYTHON, TENSORFLOW, KERAS, FLASK 2.0, DEEP LEARNING

- A **menu-driven chronic disease detection** system capable of diagnosing approximately 10 different medical conditions based on essential user inputs.
- Built using **deep learning and machine learning** models in an accuracy range of **0.85-0.99** and **loss=0.005**.

SKILLS

Languages: C++, Python, Java, C

Development: Git, Github, Django, MySQL, SQL, Flask, Heroku, RESTful APIs, Data Analysis

ACHIEVEMENTS

- Hackathon **Winner** at Double-slash, **Finalist** at Hack4Inclusion and Hackodisha.
- **Finalist** in Smart India Hackathon in 2022.
- **Top 3** ML Supervisor at GirlsScript Winter of Code.
- One of the **PhonePe Tech Scholars** out of thousands applicants.
- GirlsScript Winter of Code: **Machine Learning Supervisor**
- Winter of Code 2.0: **Mentor**
- **Winner** for most meaningful **PRs** out of 50 teams and 100+ students.
- **Open Source Contributor:** Contributed to more than 15+ projects.