AISHIK MUKHERJEE

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- **GitHub:** https://github.com/AISHIK999

Professional summary:

A highly motivated individual with keen interest in Machine Learning and Data Analytics. My experience also lies in backend development using Flask and MySQL/MongoDB, enabling me to deploy robust and scalable applications. As a Linux enthusiast, I have honed my skills in building custom Android ROMs and Kernels, daily driving Arch btw.
Passionate about developing innovative solutions that pushes the boundaries to deliver tangible results. My approaches are visually-driven and result-oriented with strong emphasis on delivering quality work.

Educational Qualification:

- **B.Tech in Computer Science and Technology**
  University of Engineering and Management, Kolkata (2020-2024)
  CGPA: 9.5
- **Higher Secondary (WBCHSE)**
  Ramakrishna Vivekananda Mission Vidyabhawan (2018-2020)
  Score: 82.2%

Skills:

- **Languages:** C, Python, Julia
- **Libraries and Frameworks:** TensorFlow, Keras, Scikit-learn, Selenium, Flask, BeautifulSoup etc.
- **Tools:** Git, GitHub, Docker, MySQL/MongoDB, MS Word/LibreOffice Writer, MS Excel/LibreOffice Calc
- **Soft Skills:** Problem solver, Quick learner, Team facilitator

Projects:

- **Heart Disease Prediction** | Python, Tensorflow, Scikit-learn, Flask
  - Deep learning model to determine determine the degree of narrowing blood-vessel walls
  - Used flask in backend to host the application
  - Link: https://github.com/AISHIK999/Heart_Disease_Prediction
- **Templar Userbot** | Python, Telethon, Docker
  - Simple telegram userbot with the ability to execute instructions based on commands
  - Simple file-stricture to provide the host with the ability to create custom plugins
  - Uses dockerfile and docker-compose to host locally or in a VPS
  - Link: https://github.com/AISHIK999/Templar_Userbot
- **Dog Breed Identifier** | Python, TensorFlow, Keras
  - A jupyter notebook that trains and creates an ML model to identify dog breeds based on faces
  - Uses TensorFlow ImageNet to create the neural network
  - Link: https://github.com/AISHIK999/Dog_Breed_Identifier
- **Python Watcher** | Python, Selenium, Bash
  - A simple python/bash script that deploys multiple browser instances over different IPs across a website
  - Uses chrome extensions and webdrivers to deploy instances
  - Link: https://github.com/AISHIK999/python_watcher
- **Bank Management System** | Java
  - Simple Bank Management application created as my 5th semester project
  - Performs CRUD operations and saves all data in a csv file
  - Link: https://github.com/AISHIK999/Bank_Management_System

Extracurricular Activities:

- Worked for multiple custom AOSP and kernel communities
- Awarded “Ankan Visharad” title (2016). Certified by West Bengal Societies Act, XXVI of 1961
- Ranked 1st in the Annual Quiz Competition held at RKVM Vidyabhawan (2017)