

Arya Chakraborty

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EDUCATION

KALYANI GOVERNMENT ENGINEERING COLLEGE

B.TECH IN COMPUTER SCIENCE AND ENGINEERING

June 2024

GPA: 9.33

BISHOP MORROW SCHOOL

May 2020

ICSE: 93.2

ISC: 95.25

COURSEWORK

DBMS

Operating System

OOPS

Computer Networks

Pattern Recognition

SKILLS

DATA ANALYTICS

Google Data Studio • Pandas • Matplotlib
• Plotly • MS Excel

MACHINE LEARNING

Python • Pytorch • Tensorflow • Sklearn
• Numpy • OpenCV • BERT

BACKEND

Django • Flask

DATABASE

SQL • MongoDB

ACHIEVEMENTS

HACK4BENGAL 2023

1st Runner Up • [Standings](#)

DIVERSION 2023

1st Runner Up • [Standings](#)

SMART INDIA HACKATHON 2022

Grand Finalist

SRIJAN '22 CODING CONTEST

4th Rank Holder • [leaderboard](#)

LINKS

CODING PROFILES

[Leetcode](#) • [GFG](#)

PORTFOLIO

[Website](#) • [LinkedIn](#)

EXPERIENCE

AI PLANET, INDIA | AI DEVELOPER RELATIONS INTERN

March 2024 – July 2024 | Remote, Bengaluru, India

- I've contributed to open-source projects, particularly in the [BeyondLLM](#) framework, where I've also built some use cases and added a data loader.
- As a DevRel and Community Intern, I've created and published over 5 videos on YouTube, alongside writing more than 2 blog posts.
- I have also developed the curriculum content for the [RAG and Agents Bootcamp](#) for AI Planet.
- [completion certificate](#)

MINISTRY OF EXTERNAL AFFAIRS | CYBER DIPLOMACY INTERN

January 2024 – March 2024 | New Delhi, India

- Conducted a comprehensive analysis of cybersecurity and data protection policies of the entire World, leveraging both open-source and official frameworks. Identified comparative gaps in India's digital landscape and developed strategic solutions for the Government.
- Analyzed India's engagement in the international forum in the digital domain and outlined potential benefits.
- Prepared an article regarding the draft agenda of the India-Italy Cyber dialogue.
- [letter of recommendation](#)
- [completion certificate](#)

AARISH TECHNOLOGIES | ARTIFICIAL INTELLIGENCE DEVELOPER

April 2023 – June 2023 | Remote, Quebec, Canada

- I assisted in developing a Quantized CNN, aiming to optimize storage utilization while automating various tasks involved in the process.
- I converted a Python PyTorch model of a CNN to equivalent C code, to accelerate the computation and make it able to run on every hardware.
- [completion certificate](#)

ACADEMIC PROJECTS

FIND MY GARAGE / PARKIFY

Led a team to develop Find My Garage, an application allowing seamless parking for users and offering parking-lot owners a platform to showcase available spaces. Developed a Deep Learning model for Indian vehicle number plate detection, surpassing pre-trained OCRs in accuracy and reducing detection time to 80 percent, and earning 2nd place at Hack4Bengal Hackathon. More details available on the [devfolio project link](#). Link for [YouTube](#) demonstration and [GitHub](#).

NIRNAYAANK

Lead a team of four to create a website that helps legal authorities find legal documents for reference, enabling faster judgment in courts in India. I helped develop the algorithm which helps to rank documents in prioritization for a search keyword. I also used APIs like cohere and YAKE(Yet Another Keyword Extractor) to summarize in the form of text for a document. This project helped our team secure 2nd place in the Diversion 2k23 hackathon presented by MLH. More details can be found in the [Devfolio Project Link](#). Link for the [YouTube](#) demonstration - [YouTube](#). [Research paper link](#).