Parna Mondal

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EDUCATION

- **Kalyani Government Engineering College** — Kalyani, India
  Bachelor of Technology in Information Technology; CGPA: 8.75/10 — *Aug. 2017 – Aug. 2021*

- **ST.Thomas Girls School** — Kolkata, India
  ISC in Computer Science; GRADE: (94/100) — *April. 2007 – March. 2017*

EXPERIENCE

- **Cognizant** — Chennai, India
  Programmer Analyst Intern — *Jan 2021 - June 2021*
  - **Objective**: Learning **JAVA Full-Stack** and implementing it via building applications based on business requirement.

- **Dronaz AI and Robotics Pvt Ltd.** — Kolkata, India
  Product Development Intern — *July 2020 - Sept 2020*
  - **Objective**: Build real life ML models and lead all the processes from data collection , cleaning and preprocessing , to training models and optimizing them using **TensorFlow and CNN** .

- **GeeksForGeeks** — Kolkata, India
  Technical Content Writing Intern — *March 2020 -April 2020*
  - **Objective**: Produced high-quality documentation that is appropriate for its intended audience .Writing easy to understand user-interactive competitive codes using **Python and JAVA** .

- **National Institute of Technology,Durgapur** — Durgapur, India
  Project Intern — *Jan 2020 - Feb 2020*
  - **Objective**: Build a healthcare online management database project using the framework as **Flask - Python** consisting of two modules viz. Patient and Doctor module which provides end to end patient and doctor monitoring .

PROJECTS

- **XMeme Web App**: Build a **full-stack MERN application** where users can post their name and memes they want to share with some additional features like editing the posts , like and delete etc.
- **Handwritten Character Recognition**: Developed an ML model which efficiently recognizes Handwritten characters and Digits using EMNIIST (Balanced) with an accuracy of 85 percent using **Adaptive moment estimation algorithm.**
- **Detecting rude tweets in Twitter using Twitter API**: Developed a **Twitter webapp which uses twitter API** to detect hate/abuse tweets and if the content crosses a threshold of greater than 90 percent , the app blacklist the user in the database and issue him/her a warning .
- **Entrepreneurship Cell Website**: Developed an Cell website for my college which uses front-end technologies like **HTML5 , CSS3 , JS , JQuery and Bootstrap 4 .**

SKILLS

- **Programming Languages**: : Python, Java ,C
- **Web Development**: : HTML5 ,CSS3 ,JavaScript , JQuery , ReactJS ,JSON ,JSP ,Spring Boot Microservices
- **Database**: : MySQL, SQL, JDBC
- **Frameworks and tools**: : Flask and Bootstrap 4
- **Others**: : ML , Deep Learning , AWS, DOCKER ,REST API ,LINUX, GitHub and DSA.

ACHIEVEMENTS AND RESPONSIBILITIES

: Competed in the Goggle Hash Code 2021 Competition with a **World Rank of 5246 and AIR of 1698.**
: Qualified the Microsoft AI Classroom Series Contest with a score **greater than 90 .**
: **Head of Web Development** at the Entrepreneurship Cell of my college .
: Participated in the International Hackathon **CodeChella'20 hosted by Twitter** and build an **Bad Content Post Detector** webapp.
: Codechef - 2 star and GeeksForGeeks Rank - 5 in KGEC .