KUNAL KUMAR BARMAN

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GitHub   LinkedIn   Portfolio

Education

- **Indian Institute Of Information Technology, Kalyani** | B.TECH | 8.7   Aug 2018 – May 2022
- Adarsh Vidya Mandir, Bokaro, Jharkhand | CBSE | Science | 91%   Apr 2016 – Mar 2018
- Adarsh Vidya Mandir, Bokaro, Jharkhand | CBSE (X) | 10.0   Apr 2012 – Mar 2016

Skills

C++ | Data Structure and Algorithm | Python | Django + DRF | Flask | OOPs | C | Linux | Windows | Html5 | CSS3 | javascript | jquery | Express JS | Bootstrap | Typescript |Sql |Git| Mysql | Keras | Pandas | Numpy

Work Experience

Internship | MAQ Software | Software Engineer | 2 Months   May 2021– July 2021
- Worked on an application for our largest client which aims at bringing all distributed reporting streams into a single interactive framework.
- **Tech Stack** - Typescript, Python, Azure DevOps, Azure Databricks, SQL, Tabular, Azure Data Factory, Power Bi.

Internship | Algoladder | Backend Developer | 3 Months   Jan 2021 – April 2021
- Created the **Restful Api** of the live web application from scratch, Resolved many bugs, and added new features. Implemented **CRUD operation.**
- Assisted and **improved the UI/UX** of the admin panel.
- **Tech Stack** - Django Rest Framework, Django, Heroku, HTML, CSS, sqlite3, web scraping, js

Internship |Banaao Maker's playground | Software Developer | 3 Months   May 2020 – July 2020
- Developed a full-fledged web application related to electronics and deployed in Heroku, also worked with Microsoft open sources project.
- **Tech Stack** - Node Js, Html5, CSS3, Firebase and google bucket, Heroku.

Projects

Republic Of Coders |Web App | Git App   Mar 2021 – July 2021
- It is an E-library for my college which contains books, notes, regular updates of Competitive Coding Contest, Learning content for Dev and Cp with daily updates of the problem using a cron job. Users with credentials can upload and edit data.
- **Tech Stack** - Django, **MongoDB, google drive API, code forces API, clist API, HTML, CSS, javascript**, web cache.

Annotation of English News sentence Septic Or Not |CNN Model | Git   Sept 2020 – May 2021
- Trained a model with 2400 English sentences and achieved 88% of the testing accuracy of CNN models.
- **Tech Stack** - Python, CNN, Keras, TensorFlow, pandas, NumPy, NLP, Deep Learning.

Pocket Medical | CNN Model | Web App | Git App Cnn-Model   Dec 2020– Mar 2021
- Trained CNN model with Wound/Cuts images data with 93.7% accuracy and merged with a web application with features like – Detecting severity, Finding near(hospital, medical), QR code info, Save Your medical record.
- Test id: kunal1, password: asghasgh
- **Tech Stack** - **Django, CNN, Keras, TensorFlow, pillow, pandas, here map API, geocoding, Deep Learning.**

100 days of ML code | Git   Sept 2020 – Dec 2020
- **Tech Stack** - Python, Jupyter-Notebook, Keras, Scikit-learn, TensorFlow, NumPy, pandas, matplotlib.

IPL Discord Bot | Script | Git   Sept 2020 – Oct 2020
- It is live in discord as it retrieving the current score, schedule, point table, and batsman list during IPL.
- **Tech Stack**- Python, **web scrapping**, discord.py.

Academic and Extracurricular Achievements

- **Qualified for Asia Regional Amritapuri ICPC 2020** with 430/3050 in the preliminary round.
- Achieved **3rd position in CodAcharya** 2021 (Inter College Coding competition).
- **Google HashCode 2021 India Rank**:- 807/3913 and Global Rank:- 2982/9004.
- Participated in **more than 100 online contests** collectively in different sites like CodeForces, CodeChef, HackerEarth.
- Solved **more than 1200 problems** collectively in different sites like CodeForces, Leetcode, Binary Search, Geeks For Geeks, CodeChef, HackerEarth.
- Won **1st position in Version Beta hackathon under code Asylum Category**.
- **Runner up in Unscript Hackathon 2k20.**
- Certificate of Participation of coding competition in amity university via code chef (onsite round).
- Qualified in the first round of google code jam 2020 42 pts.

Positions of Responsibility

- Institute Innovation Council (IIC) – IIIT Kalyani – Member
- placement cell Coordinator at IIIT Kalyani.