

KUNAL KUMAR BARMAN

kumar96kunal@gmail.com | +91 8864084790 | Bokaro Steel City, Jharkhand, India

[GitHub](#) Education

[LinkedIn](#)

[Portfolio](#)

- **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 | Html5 | CSS3 | javascript | jquery | Express JS | Bootstrap | Sql | Git

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, and added new features. Implemented **CRUD operation 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 (Paper Circuit) 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 24,00 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: rishu, 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 retrieves 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.
- Pune-Gwalior Regional ICPC Round Rank 222/700.
- 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 on different sites like CodeForces, CodeChef.
- Solved more than 1300 problems collectively in different sites like CodeChef, CodeForces, Leetcode, Binary Search, GFG, HackerRank, cses.fi.
- Won 1st position in Version Beta hackathon under code Asylum Category.
- Runner up in Unscript Hackathon 2k20.
- Qualified in the first round of google code jam 2020 [42 pts](#).

Positions of Responsibility

- Institute Innovation Council (IIC) - IIIT Kalyani - Member.