

KUNAL KUMAR BARMAN

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[GitHub](#) Education

[LinkedIn](#)

[Portfolio](#)

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- **Indian Institute Of Information Technology, Kalyani** | B.TECH | 8.71 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 | OOPs | C | Linux | Html5 | CSS3 | javascript | Bootstrap | Sql | Git.

Work Experience

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- Internship** | Tata 1mg | Backend Jan 2022 - Present
- Working with the Control Flow Validation team.
 - **Tech Stack** - Python, Sanic, Git, PostgreSQL
- 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** - 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** - Express Js, Html5, CSS3, Firebase and google bucket, Heroku.

Projects

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- 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.
- 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

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- **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

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