



Pratik Bedre

B.Tech – Computer Science & Engineering – IIT(ISM), Dhanbad



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PROJECTS

GitHub repo: <https://github.com/pratikb2805>

• EMR Manager

- EMR Manager is a simple solution for managing medical records, patient information, appointments, medicine database, etc. Created with Flutter, it can be installed on Windows, MacOS or Linux.
- Tech-stack : Flutter, ObjectBox DB.

• WindHack

- A project which employs time-series forecasting and gradient boosting to predict output from a wind turbine for the coming time can predict power output for coming 1 hr upto 72 hrs
- Tech-stack: PyTorch, CatBoost , Flask.

• ML-Library

- ML-library contains separate modules containing classes implementing different machine learning algorithms from scratch namely Linear regression, Logistic regression, MLP, K-Means clustering, KNN, etc.
- Tech-stack : Python, NumPy, Pandas.

COURSES AND CERTIFICATIONS:

(Certificates [here](#))

- **Convolutional Neural Networks** by Deeplearning.ai
- **SQL for Data Science** by UC Davis
- **Web Application Technologies and Django** by University of Michigan
- **Deep Neural Networks** by Deeplearning.ai.

REFERENCES:

- **LinkedIn:** [@pratikbedre](#)
- **GitHub:** [@pratikb2805](#)
- **Hackerrank:** [@pratikb_2805](#)

EDUCATION

Indian Institute of Technology (ISM), Dhanbad
B.Tech in Computer Science & Engg.

JULY 2019 - JUNE 2023 **CGPA – 8.34**

Bharat Madhyamik School, Risod (MH)

HSC (Computer Science) JUNE 2017 - MARCH 2019 - **92.31%**

SSC JUNE 2016 - MARCH 2017 - **98%**

SKILLS

- **Programming Languages:** C++, Python, C, Javascript, Dart.
- **Machine Learning:** PyTorch, Matplotlib, Pandas, NumPy.
- **Web technologies:** Flask, HTML, CSS, SQL, Firebase.
- **Tools and frameworks:** Bash Scripting, Git,Flutter.

COMPETITIVE PROGRAMMING:

- Codeforces : [@pratikb2805](#)
Rating: 1404(Specialist)
- Codechef : [@pratikb2805](#)
Rating: 1793
- Hackerrank - [@pratikb_2805](#)
Problem solving 2264 points, 6 stars.
- Total 1000+ problems solved.

EXTRACURRICULARS

- **CyberLabs** : Member of Machine learning division at CyberLabs-The official programming and development club of IIT(ISM), Dhanbad.
- **E-Cell:** Social Media and Branding head at Entrepreneurship Cell, IIT(ISM) Dhanbad

ACHIEVEMENTS

- Secured 6th rank worldwide in SIIM - ISIC Melanoma Classification competition on Kaggle. (Approach [here](#))
- Secured 9th rank in HackFest'21.
- Reached semifinals in Rakathong 21 organized by Rakuten.
- Secured All India Rank 5037 in JEE Advanced 2019

