

Awanika

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EDUCATION

BIRLA INSTITUTE OF TECHNOLOGY

MESRA, RANCHI

B.E Electronics and communication

Grad. May, 2021

CGPA: 8.72

DELHI PUBLIC SCHOOL

RANCHI, JHARKHAND

May 2017

XII Boards: 95.8%

X Boards: 10 CGPA

SKILLS

PROGRAMMING

Data structures & algorithms - Basic

LANGUAGES:

C, C++, Python (Data analysis)

WEB DEVELOPMENT FRAMEWORKS:

Font-end (Basic) : HTML, CSS, Bootstrap

Backend (Basic) : Django

TOOLS:

Selenium, Git (Basics), Linux (Basics)

ACHIEVEMENTS

- Problem solving: Solved 450+ Questions on HackerEarth, LeetCode, Spoj, InterviewBit, GeeksforGeeks, Codeforces
- Member of the winning team of the **PANTHEON 2017**, Annual Technical Festival of BIT MESRA.
- **THIRD HIGHEST TOPPER** in XII boards in school; Among top 10 in city.
- **RECIPIENT OF SCHOLAR BADGES** for excellent academic performance for 5 consecutive years(2010-2015) in DPS Ranchi.

PROJECTS

USED CAR PRICE PREDICTION

- Built a prediction model to predict the price of used car. Data was obtained from kaggle and various models were fitted and analysed based on mean squared error. Finally random forests was chosen with least MSE of approx. 4.
- A user interface was built using Django API framework where data was input through a form and predicted price was displayed.

DJANGO BASED BLOG APP

- Built a simple blog app using Django, made blog and user models to handle blog and user databases respectively.
- Implemented crud operations on blogs per user.
- Implemented login, logout and register functionalities along with password reset

SENTIMENT ANALYSIS

- Classified drug reviews into positive, negative and neutral where neutral accounts for 72% of the data.
- Formed character n-grams and word level TF-IDF vectors and used SMOTE to treat the class imbalance.
- Evaluated KNN and One-Vs-Rest SVM, tuned using cross validation, to get a macro F1-score of 0.49.

POSITION OF RESPONSIBILITY

- **TECHNICAL (DATA) HEAD - IETE BIT MESRA**
responsible for smooth conduction and organisation of workshops related to software related fields. (May 2020 - Till Present)
- **DEPUTY WEB DEVELOPER - IETE BIT MESRA**
was responsible for leading the web development team for building the official web site of the club. (Mar 2019 - May 2020) **CAMPUS AMBASSADOR - FOXMULA**
was responsible for getting registrations for courses offered by Foxmula (July 2019 - Dec 2019)

EXTRA CURRICULARS

- **HOBBIES : WRITING, SKETCHING**
- Got an honourable mention in a writing competition called 'WordCraft' organised by Literary Society BIT MESRA and got my piece featured in their blog.
- Volunteer at NSS, BIT MESRA: volunteered in blood donation camps and cleanliness drives