ROHIT DUBEY

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EDUCATION

Computer Science Engineering   *Jun 2017 to Present*
Andhra University College of Engineering
Class XII: CBSE Board   *Jun 2017*
MP & EV English Medium School

WORK EXPERIENCE

DIGITebl – Software Development Engineer Intern   *Jul 2020 to Oct 2020*
- Expanded features, refined code, and improved processes, producing smoother operations and enhancing user engagement.
- Liaised with back end developers, front end developers, quality assurance testers, and CTO's as needed.
- Operated with a MEAN stack on the company website to increase usability and understanding.
- Documented and maintained software functionality.

Peacock Solar - Data Science Intern   *May 2020 to July 2020*
- Functioned on advanced analytics areas such as complex statistical data analysis to provide insights, resulting in **increased data usability by 30%.**
- Furnished insights, results, insights and business intelligence needed to guide decisions.
- Interacted with professionals to provide business recommendations with **5** effective presentations of findings, visual displays of quantitative information.
- Managed a strict project timeline successfully by coordinating virtual meeting across time zones and presenting findings to over 50 colleagues via teleconference.

ACADEMIC ACHIEVEMENTS:

- **Finished 2nd** in **National Level Data Analytics Competition DataNest** conducted by Delhi University.
- **Second Runner up** in **National Level Case study competition** Data Feast conducted by IIM Sambalpur.
- Selected as **Subject Matter Expert at Chegg** for Computer Science.
- Solved 200+ problems on Hackerrank and got 6 stars in Problem solving section
- **Current Global Rank-532 and All India Rank -200** in solving algorithms at Hackerrank.
  Profile Link: Rohit Dubey - dubeyrohit1999 | Hacker Rank.
- Scored **99/100** which were the highest marks of the school in Informatics Practices in 2017 CBSE board exams.
- **Ranked 1 among 150 students**, in a coding competition conducted by the college.
- Scored a perfect **10/10 grade** in Data Structures and Algorithms, Object-Oriented Programming Lab Course. Received Quizzing, Essay-writing and Elocution award multiple times at school.

ACADEMIC PROJECTS

1. Credit Approval Prediction
- This analysis was done to predict if a loan would be sanctioned or not. To overcome the imbalance in the dataset SMOTE was also applied. The analysis included EDA, Feature Ranking and a Decision Tree model which resulted in an accuracy of 94%. GitHub

2. **Car Number Plate Detection Using MATLAB and Image Processing.**
   - The NPR (Number Plate Recognition) system is based on image processing technology. The main objective here is to design an efficient automatic vehicle identification system by using a vehicle number plate. [GitHub](#)

3. **Personal Portfolio: rohitdubey03.github.io**
   - Developed this website from scratch. It is made with HTML/CSS, JavaScript. The website is a showcase of my projects and abilities. [GitHub](#)

4. **Face Mask Detector**
   - The goal of this project is to train a COVID-19 face mask detector with OpenCV, Keras/TensorFlow, and Deep Learning. We'll use this Python script to train a face mask detector and review the results. [GitHub](#)

TECHNICAL SKILLS

- **Programming Languages:** C, C++, Python, GNU Octave/MATLAB, JAVA using NetBeans.
- **Programming Experience: >5 years** in C/C++ and **3 years** in Python.
- **Platforms:** Linux, Windows.
- **Others:** MySQL, Data Analysis, Statistics, HTML/CSS, Tableau, SAS.

POSITION OF RESPONSIBILITIES AND EXTRACURRICULAR ACTIVITIES

- Campus Ambassador at HackerEarth and StartEarly which enabled me to help 100+ students with coding.
- Won multiple Debate, Elocution competitions during my school period.
- Participated in additional seminars to increase skills relating to teamwork, communication, leadership.
- Participated in the Inter-Collegiate Football Competition as part of the AUCE(A) team.
- Attended the International Online Conference on 'Emerging Trends in Healthcare Technology in Post-COVID- 19 Era conducted by IIT Kharagpur.
- Rated 1600+ on Chess.com.
- Hobbies: Competitive Programming, Football, Music, Learning new things.

COURSES UNDERTAKEN

- **Core courses:** Data Structures and Algorithms, Unix Network Programming*, Design and Analysis of Algorithms, Microprocessors, Database Management Systems, Operating Systems, Theory of Computation, Design of Digital Systems, Concrete Mathematics and Discrete Mathematics.

- **Self-Taught courses:** Data Science, Machine Learning, Tableau, Android App development using Kotlin*, Python Programming*, Oracle, MATLAB, Fundamentals of JavaScript, how to Learn.