ROHIT DUBEY

3rd Year B.Tech
Computer Science Engineering
Andhra University, Andhra Pradesh, India

Date of Birth: 26/10/1999

Email: dubeyrohit1999@gmail.com

EDUCATION

Year	Degree/Certificate	Institute/School, City	CGPA/ %
2017-Present	Bachelor of Technology	Andhra University College of Engineering, Visakhapatnam	7.5/10
2017	Class XII: CBSE Board	MP & EV English Medium School, Visakhapatnam	72%
2015	Class X: CBSE Board	Navy Children School, Visakhapatnam	9.2

OBJECTIVE

To make a meaningful impact on the lives of people around the globe, through a Software Engineer's vision.

WORK EXPERIENCE

Peacock Solar - Data Science Intern   *May 2020 to July 2020*
- Worked on advanced analytics areas such as complex statistical data analysis to provide insights.
- Interacted with professionals to provide business recommendations with effective presentations of findings, visual displays of quantitative information.
- Worked on producing a solution to increase the efficiency of the sales and telemarketing department of the company.
- Utilize Web-Scraping techniques to extract and organize data.

StartEarly – Campus Ambassador   *Mar 2020 to May 2020*
- Helped StartEarly reach students who might be interested and would benefit from their course.
- Provided feedback and shared new ideas from the university's students with the company to enhance reach.
- Worked with professionals to develop ways to increase community engagement.

ACADEMIC ACHIEVEMENTS:

- **Current Global Rank-470 and All India Rank -168** 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.
- Consistently stood in **Top 3** of the class during my entire schooling period from 2nd – 10th standard.
- **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, at college. Received Quizzing, Essay-writing and Elocution awards multiple times at school.

TECHNICAL SKILLS

- **Programming Languages:** C, C++, Python, GNU Octave/MATLAB, Simulink, JAVA using NetBeans.
- **Programming Experience: >5 years** in C/C++ and **2 years** in JAVA using NetBeans.
- **Platforms:** Linux, Windows.

- **Others:** MySQL, HTML/CSS.

ACADEMIC PROJECTS

- **Car Number Plate Detection Using MATLAB and Image Processing.**

The ANPR (Automatic 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 vehicle number plate. The system is implemented and simulated on MATLAB and performance is tested on real images. The system takes digital images of vehicles with their license plates visible and extracts license plate characters as a string of alphanumeric characters, and yields hypothetical user data from a related database corresponding to the extracted characters as output. The designed system is to work with reasonable accuracy if the digital image is of good resolution, and vehicle license plate has standard font in the region of interest.

- **Brain Tumor Extraction from MRI Images Using MATLAB (Ongoing)**

The main theme of the project is to extract the brain tumors from the MRI images with some noise removal functions, segmentation and morphological operations which are the basic concepts of image processing using MATLAB software. The brain tumor detection is a great help for the physicians and a boon for the medical imaging and industries working on the production of MRI imaging. The extracted tumor can be classified to be malignant or benign in the future.

POSITION OF RESPONSIBILITIES AND EXTRA CURRICULAR ACTIVITIES

- Campus Ambassador at HackerEarth.
- 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.
- 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:** Android App development using Kotlin*, Python Programming*, Oracle, MATLAB, Fundamentals of JavaScript, how to Learn.

*currently running courses.