ROHITH BASUDE

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EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2023	Bachelor of Engineering (B.E)	MVSR Engineering College	8.65/10
2019	TS Board of Intermediate Education	Narayana Junior College	97.8%
2017	TS Board of Secondary Education	Geeta High School	9.8/10

PROJECTS

Blockchain based online voting system
- Built a system to conduct voting virtually in a secure manner. Every vote is recorded as a transaction on the blockchain are irreversible hence, the votes.
- Build front end of the project using **HTML**, **CSS** & **JAVASCRIPT**. The programming language used is **Solidity**.
- Ethereum platform is used as it offers flexible platform to build apps using Solidity scripting language and Ethereum virtual machine.

Face Mask Detection
- Built a system to detect face mask using **Python, Tensorflow, Keras and opencv.**
- This system can be used in real-time applications which require face mask detection for safety purpose Due to outbreak of covid-19.
- Tensorflow is utilized for implementing **ML systems** and used to reshape image in data processing and opencv is software library to recognize objects.

Library Management System
- Online Library Management System is a system which maintains the information about the books present in the library, their authors, the members of library to whom books are issued, etc.
- The whole divided as **front end**, **back end**, and **SQL**. The front end is designed using **HTML**, **CSS** and **JAVASCRIPT**.
- **MySQL** is used for storing the data and back end using JAVA programming language.

Pneumonia Detection using Convolutional Neural Networks (CNN)
- We use a technique called as CNN which uses several layers of feature processing to analyse complex aspects of an image. Features recognized in one layer are carried to next layer and are represented in a compact manner. This way the algorithm processes images without much space and time.
- This model further classifies pneumonia as viral or bacterial.

SKILLS

- **Programming Languages:** C | JAVA | Python
- **Development Tools:** HTML | CSS | JAVASCRIPT | Spring Boot | Spring MVC
- OOPs using JAVA
- Data Structures and Algorithms
- Database management systems and SQL

CERTIFICATIONS

- **AWS Cloud foundations:** Certified from AWS Academy with a good knowledge of cloud basics.
- **Spring framework:** Certified from Udemy in the spring frameworks i.e., spring boot and spring MVC with good knowledge of development using JAVA language.

COMPETITIONS

- Participated in TVS Credit EPIC Analytics Challenge conducted by TVS on unstop platform. Cleared aptitude, coding and case study rounds and reached till the last round.
- Participated in Tata Imagination Challenge 2022 conducted by TATA on unstop platform. Cleared tata brand assessment, gamified assessment and reached till second last round of submitting the idea of given situation.

EXTRA CURRICULAR ACTIVITIES

- Participated in badminton tournaments as a part of inter school badminton competitions.
- Playing cricket and chess.