OM RAI
B.Tech. - Information Technology
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MIT | Academy of Engineering
(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

BRIEF SUMMARY

A disciplined and goal-oriented individual studying B-Tech in Information Technology , proficient in programming languages , looking to up-skill myself and make most of given opportunities efficiently.The main domains in which I prefer working are Web Development,Data Science and UI/UX Design

KEY EXPERTISE

HTML5   CSS   Bootstrap   Front-End   Machine Learning   Python   MySQL   UI/UX Design   Figma   Wireframing   PHP   Javascript

EDUCATION

MIT Academy of Engineering, Pune   2020 - 2024
B.Tech. - Information Technology | CGPA: **8.20 / 10.00**

MMCC, Pune   2020
12th | MSBSHSE | Percentage: **81.54 / 100.00**

Rewachand Bhojwani Academy, Pune   2018
10th | MSBSHSE | Percentage: **89.80 / 100.00**

PROJECTS

Responsive Tour & Travel Website   26 Apr, 2023 - 16 May, 2023
Team Size: 1

Key Skills: HTML5   CSS   Javascript   PHP   MySQL

A completely responsive Tours & Travel Website made using technologies like HTML,CSS,JS for front-end and PHP and MySQL for back-end.This Website contains various interactive sections like booking form,packages,reviews etc.
Deployed on local host using PHP server

InPay-Finance App using Figma (UI/UX Design)   01 Apr, 2023 - 25 Apr, 2023
Team Size: 1

Key Skills: UI/UX Design   Figma   Wireframing

Project Link: https://github.com/Omrai629/InPay-Finance-Application-using-Figma-UI-UX-Design-.git

Created a payment application called InPay using Figma software containing various features such as Balance enquiry , Sign in/Sign up options , Money transfer , Savings check etc.
Used features in figma to design and create various pages of the application and combined and connected them to form a working software prototype.

Pneumonia Detection from Chest X-ray using Deep Learning and CNN   02 Jan, 2023 - 15 Apr, 2023
Team Size: 4

Key Skills: Deep Learning   Python   CNN

Project Link: https://github.com/Omrai629/Pneumonia-Detection-from-Chest-Xrays-using-Deep-Learning-and-CNN.git

A Deep learning model built using CNN to detect if a person has pneumonia or not by using his/her chest X-ray images.
Implemented CNN Algorithm along with Deep Learning and a GUI library called Gradio to create an interactive website for the model
Steps of implementation include importing library,Data Pre-processing,Modelling,Evaluation and Website creation.

House Price Prediction Using Machine Learning   03 Jan, 2023 - 30 Jan, 2023
Team Size: 1

Key Skills: Machine Learning   Python   Regression Models

Project Link: https://github.com/Omrai629/House_Price_Prediction_Using_ML.git

Implemented 3 Machine Learning models namely - Linear Regression , K-Nearest Neighbors and Random Forest Regression on a house Dataset to predict the price of a house.
Used libraries such as Numpy ,Pandas,Matplotlib , Seaborn , Scikit Learn etc

ACHIEVEMENTS

- Cleared NDA /CDS/AFCAT Competitive exams multiple times

- 10th School topper

ASSESSMENTS / CERTIFICATIONS

IBM Data Science Professional Certificate

Key Skills: Data Science · Python · SQL · Machine Learning

Python for Data Science , AI and Development

Key Skills: Python

Machine Learning with Python (Coursera)

Key Skills: ML · Python · Regression · Classification

UI/UX Design by Internshala Trainings

Key Skills: UI/UX Design · Figma · Web Design · Wireframing

SEMINARS / TRAININGS / WORKSHOPS

Fundamentals of Full Stack Web Development **Institute Name:** ExcelR Solutions

Key Skills: Web Development · Front-End Web Development

EXTRA CURRICULAR ACTIVITIES

- Played various tournaments as part of the college Football team

PERSONAL INTERESTS / HOBBIES

- Football
- Esports

WEB LINKS

- LinkedIn - https://www.linkedin.com/in/om-rai-37b652260/
- Github - https://github.com/Omrai629

PERSONAL DETAILS

Gender: Male
Marital Status: Single
Current Address: Plot no 53 , Defence R&D Coop Hsg Society, Alandi Road , Kalas, Pune, Maharashtra, India - 411015
Emails: om.rai@mitaoe.ac.in , omrai629@gmail.com

Date of Birth: 08 Jul, 2002
Known Languages: English , Hindi , Marathi , German
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