

Varun Soni

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EDUCATIONAL BACKGROUND

Dr. Sarevepalli Radhakrishnan Vidyalaya Malad(W)
Percentage: 82.05

CU Shah Clg Of Science and Commerce Kandiwali(E)
Percentage : 85.07

SKILLS & PROFICIENCIES

- Data Visualization to gain insights using platform like tableau.
- Data Science to interpret datasets and feature selection using python.
- ML/DL required to achieve completion of backend with respect to predictions, forecasts data extraction, etc.
- Natural Language Processing for text generation and chatbots.
- Android app Development using Flutter and react native along with FastApi.
- Database Management using FireBase

INTERNSHIPS

TECHQKONNECT

Palghar, Maharashtra | Dec 2022 – Jan 2023 | Machine Learning
Techqkonnnect Pvt. Ltd, a startup provided me with a valuable opportunity to contribute as a Machine Learning Intern. My primary focus during this period was on osteoporosis fracture analysis, a challenging and important domain within the healthcare industry.

TECH CRYPTERS

Palghar, Maharashtra | June 2023 | Machine Learning
The internship at Tech Crypters was facilitated through a collaboration with my institute, offering a dynamic environment for learning and growth. Throughout the internship, I was actively involved in the development of approximately 10 machine learning models, gaining hands-on experience in applying theoretical knowledge to real-world scenarios.

ACHIEVEMENTS

- THIRD place in CODEVERSE Hackathon organised by Bhausaheb Vartak Polytechnic College, Vasai
- 1st prize in NEXTECH Hackathon organized by Vasantdada Patil College, Sion
- Special appraise in INNOVATE MIT CORER HACKATHON organised by Mit college of railway engineering, Barshi, Solapur

PROFESSIONAL SUMMARY

I am a dedicated engineering student with a passion for Artificial Intelligence and Data Science. Focused on delving deep into the realms of Deep Learning (DL), my academic journey has equipped me with a solid foundation in mathematics and programming, while honing my skills in Python and Java. Fascinated by the potential of AI and DS to solve real-world problems, I actively seek opportunities to apply my knowledge in internships and projects, aiming to contribute to transformative advancements in technology and make a positive impact on society.

PROJECTS

VIGILANCE-women safety app

Developed the application using Flutter-Dart with features like Shake-to-SOS, call re-directs, url-launching and complain registration with database integration using firebase authentication for user verification, Firestore for storage management enabling data flow between the ML model (which gives safe-unsafe prediction about the area using multiple features) and the application using FastApi and uvicorn.

LAWCRAFT-web portal for FIR generation

Developed a web portal using HTML, CSS and JS with an intention to assist a police official to segregate complaints and to develop a structured FIR from it using OCR models for text extraction from handwritten complaints additionally classifying the complaint into its IPC-CRIPC with the help of Large Language Model using transformers library for integration.

DOCT-document storage system using blockchain

Developed a web portal for storing document with security enhanced by ethereum blockchain along with metamask and IPFS.

YANTRIKA-ewaste management app

Developed a 2 sided (user-agent) application for e-waste segregation ensuring proper disposal to e-waste centres from the users locality along with technologies like firebase for user authentication, firestore for data storage, google maps for map integration, directions and routing, CNN models to calculate the quality of devices for predicting its value and to make decisions whether to recycle or resell.

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