BHOSALE AKSHAY SUJITKUMAR
B.Tech. - Computer Science and Engineering
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BRIEF SUMMARY

Developer with a strong background in Artificial Intelligence and Machine Learning. Proficient in Python, JavaScript, SQL, and Linux OS, ensuring seamless integration between Frontend and Backend.

KEY EXPERTISE

Python · MySQL · Artificial Intelligence · Machine Learning · Javascript · Flask · Django · HTML · CSS · Bootstrap · API · Git · Github

EDUCATION

MIT Academy of Engineering, Pune	2021 - 2025
B.Tech. - Computer Science and Engineering | CGPA: **8.27** / **10**	
The New College, Kolhapur, Kolhapur	2021
12th | MSBSHSE | Percentage: **92.50** / **100**	
New Highschool, Kolhapur, Kolhapur	2019
10th | MSBSHSE | Percentage: **96.20** / **100**	

AWARDS AND SCHOLARSHIPS

- Google Cloud Study Jams

INTERNSHIPS

ChargeEazy | IT / Computers - Software   04 Jul, 2024 - 04 Aug, 2024
Technical Trainee Intern
Developed and maintained full-stack features with CRUD operations, API integration, and Google Maps, ensuring seamless user experience and data management.

Google for Developers   01 Jan, 2024 - 31 Mar, 2024
Machine Learning Intern
Optimized data processing efficiency by 15% through targeted improvements and integrated AI solutions, which led to streamlined workflows, reduced processing times, and significantly enhanced system reliability and effectiveness.

AWS Academy   01 Sep, 2023 - 30 Nov, 2023
Machine Learning Intern
Executed a hands-on Virtual Internship in AI and Machine Learning via AWS Academy, aligned with AICTE standards, and introduced advanced AIML techniques to improve predictive analytics accuracy.

ICT Academy   01 Sep, 2023 - 31 Oct, 2023
Data Scientist Intern
Developed a sentiment detection model that improved accuracy by 10% using a dataset of 10,000 samples and analyzed large datasets to derive meaningful insights, enhancing decision-making processes.

PROJECTS

Human Body Prakriti Identification using tridoshas
Project Link: https://github.com/letsdoitbycode/Prakriti-Identification-using-Tridoshas

Implemented machine learning models for Prakriti prediction, optimizing algorithms to achieve high accuracy, and demonstrated expertise in model development and fine-tuning for healthcare applications.

Visual Question Answering (Vixual-AI-Suite)
Project Link: https://github.com/letsdoitbycode/Vixual-AI-Suite

Developed a VQA model with dual attention mechanisms, improving accuracy by 20% and refining question classification with advanced NLP techniques for better data handling and user satisfaction.

NexusNLP - Where Language Meets Intelligence
Project Link: https://github.com/letsdoitbycode/NexusNLP

Developed NexusNLP, an integrated platform leveraging multiple NLP models for comprehensive language processing.

InstaMetaText
Project Link: https://github.com/letsdoitbycode/InstaMetaTextWorld

Developed a project to generate Instagram post content and hashtags, optimizing social media engagement through natural language processing. -> https://letsdoitbycode-instametatext.hf.space

VaultVista
Project Link: https://github.com/letsdoitbycode/VaultVista

Developed an Expense Tracker with a dashboard to monitor income and expenses, and integrated a deep learning model to predict the next three months' expenses and savings.

PUBLICATIONS / RESEARCH / WHITE PAPERS

Predicting Human Body Prakriti with Ayurvedic Tridosha Features Using Ensemble Learning Models   24 Oct, 2024
International Conference (IACIS-2024) | IEEE
Publication Link: https://ieeexplore.ieee.org/document/10721947
DOI: 10.1109/IACIS61494.2024.10721947

ACHIEVEMENTS

- Won Hackathon conducted by GDSC MITAOE (Nirmaan2.0)

ASSESSMENTS / CERTIFICATIONS

Red Hat System Administration I (RH124)

Red Hat System Administration II (RH134)

AWS Academy Machine Learning Foundations

IR4.0 Foundation

Fundamentals of Full Stack Development

TCS iON Career Edge - Young Professional

Job Readiness Program

POSITIONS OF RESPONSIBILITY

Design Lead at Ecell, MITAOE
Design Lead at Ecell, MITAOE (2022-2023)

EXTRA CURRICULAR ACTIVITIES

- Participated in Datathon' 24 under Equilibrium 2024

WEB LINKS

- Github - https://github.com/letsdoitbycode

PERSONAL DETAILS

Gender: Male
Marital Status: Single
Current Address: MIT Academy of Engineering, Pune, Pune City, Maharashtra, India
Emails: akshay.bhosale@mitaoe.ac.in , bhosale.akshay1305@gmail.com

Date of Birth: 13 May, 2003
Known Languages: English, Hindi
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