



BRIEF SUMMARY

I will use my knowledge and skills in the software engineer position to be successful in my chosen career. Having a solid theoretical background in Machine learning, as well as having a good understanding of C and python programming languages, I plan to be an asset to my organization in achieving positive results while continuously increasing my knowledge and skill set. In the face of determination, adaptability, and ardour for software programming, I intend to achieve professional success and greatly impact the field.

KEY EXPERTISE

python Deep Learning Machine Learning Presentation Communication Teamwork Problem Solving
Decision-Making Adaptability

EDUCATION

MIT Academy of Engineering, Pune B.Tech. - Electronics and Telecommunication Engineering CGPA: 8.52 / 10	2021 - 2025
Lokmanya Jr. Collage, Bhadravati 12 th MSBSHSE Percentage: 80.83 / 100	2021
Fairyland School, Bhadravati 10 th CBSE Percentage: 78.80 / 100	2019

INTERNSHIPS

SoftTheNext IT / Computers - Software Deep Learning Key Skills: Deep Learning Matplotlib Keras Yolo v8 tenserflow Successfully completed internship in SoftTheNext Company under Mr. Javed Shaikh Sir as a Mentor. Made a prototype for the client as the actual project was too big . Done project of "Traffic Density Estimation" which shows us how to manage vehicles in particular streets or areas like mostly urban areas and helps us to manage traffic and also to find some partular areas at that amont of space or at that specific traffic and also count the vehicle passing by that particular points .	20 Jun, 2024 - 19 Jul, 2024
Google for developers IT / Computers - Software AIML Key Skills: NLP Matplotlib Deep Learning The 10-week virtual internship from Google for Developers in AIML offers hands-on learning in AI and ML through tutorials, projects, and mentorship by experts. It puts forth issues like deep learning, reinforcement learning, and data analysis and its applications in image recognition, NLP, and recommendation systems. In the end, the interns gain a solid foundation in AI/ML, readying them for future opportunities.	01 Jan, 2024 - 01 Mar, 2024
Pantech e Learning IT / Computers - Software Artificial Intelligence Key Skills: Deep Learning encoder decoder BART Matplotlib tenserflow Fine Food Review system by applicaton of Text Summerization Using Encoder Decoder with attention , without attention and BART Model . here we have used two methods namely Abstraction based and Extraction based methods . Our dataset have a total reviews of 500000 and we had trained our data on 50000 reviews and given the comparative analysis on referred research paper with attention , without attention and BART with predicted summary for every reviews .	01 Jul, 2023 - 01 Aug, 2023
CISCO Networking Academy IT / Computers - Software CISCO AICTE Virtual Internship Program 2023 for Cloud Security CISCO hosted program in collaboration with the All India Council for Technical Education (AICTE), this system provided individuals with opportunities to paintings on real-international projects and given knowledge about Cloud services like AWS and Microsoft Azur	12 Mar, 2023 - 12 Jun, 2023

PROJECTS

Obstacle Avoiding Bot (Minor Project)

14 Mar, 2022 - 14 Mar, 2023

Mentor: Saylee Bidwai | **Team Size:** 4

Key Skills: Embedded C Sensors Arduino UNO

The "Obstacle Avoiding bot" project involves designing and building a robotic vehicle capable of autonomously navigating through an environment while detecting and avoiding obstacles in its path. Typically, this project utilizes sensors such as ultrasonic to detect obstacles, and a microcontroller like Arduino to process sensor data and control the robot's movements for autonomous navigation.

Medical Image Retrieval using deep convolution neural network(Major Project)(Ongoing)

Mentor: Dr. Minakshi Ghodke | **Team Size:** 4

Key Skills:

Deep Learning Front-End Web Development Keras Matplotlib tensorflow VGG16 Resnet152v2 Densenet201

In Medical Image Retrieval we had developed a Front end along with the Backend by using Deep Learning through Deep Convolutional Neural Networks (CNNs). We used Fusion of 3 Models namely VGG16, Resnet152V2 and Densenet201. We first tested accuracy of single models on same dataset with validation accuracy and prediction score around 62 to 70 percent. But when we fused the Models, then we are getting our models accuracy as 83 plus and better Disease prediction with Better Model Performance and Prediction Score.

Dancing Robot

Mentor: Mrs. N V Bansode

Key Skills: Arduino UNO rotor

With every bit of music, it can be able to dance i.e., can be able to lift its legs and arm and can also be able to spin in alternate directions depending upon the bit of the music.

Smart Stick for Blind people

Mentor: Mr. A. K. Kemalkar | **Team Size:** 4

Key Skills: Arduino UNO Buzzer Sensors Ultrasonic sensor(H2SR04)

Can be able to detect the obstacle and beep if the obstacle is there in front of it. Components used are (HCSR04 - sensor, Arduino, Battery, Buzzer).

PUBLICATIONS / RESEARCH / WHITE PAPERS

Classification of Skin Disease using deep learning

04 Nov, 2024

Conference | Ramdeobaba University, Nagpur, formerly Shri Ramdeobaba College of Engineering & Management(RCOEM) |

Mentor: Dr. Minakshi Ghodke | **No. of Authors:** 4

Key Skills: Deep Learning, Front-End Web Development, Keras, Matplotlib, tensorflow, VGG16, Resnet152v2, Densenet201

The project implies that when we give a sample image (skin disease image) at our front end then it will give us the predicted image along with the predicted score and precision with disease name. We had fused 3 deep learning models mainly VGG16, Resnet152v2 and Densenet201 and compiled them to get better accuracy for prediction as an output of the predicted image.

ASSESSMENTS / CERTIFICATIONS

Fundamentals of Full Stack Development

Microsoft AI Skill Challenge

The participants were challenged to engineer AI-driven programs using Microsoft Azure services; this comprised cognitive services, machine learning, and natural language processing tools. This challenge opened doors for developers to be creative, solve problems, and demonstrate skills while getting round the real challenges of the world using AI technologies. Winners were celebrated for their great contributions and have the opportunity to showcase their work to a global audience.

JAVA Programming

C Programming for beginners

Android Fundamentals with Capstone Project

SEMINARS / TRAININGS / WORKSHOPS

Build a countdown calculator using Python programming

07 Jun, 2023 - 07 Jun, 2023

Institute Name: SKYY RIDER INSTITUTIONS

Institute Name: Robotics WORKSHOP , MIT Academy of Engineering

Key Skills: Arduino UNO Embedded C

PERSONAL INTERESTS / HOBBIES

- o Competative Gaming
- o Hiking
- o Exploring and Travelling

PERSONAL DETAILS

Gender: Male	Date of Birth: 06 Mar, 2004
Marital Status: Single	Known Languages: English , Hindi , Marathi
Current Address: near hotel rahul garden , Alandi ,pune, Pune, Maharashtra, India - 412105	Permanent Address: Sawarkar Nagar bajar ward bhadrawati, Near gundawar lawn bhadrawati chandrapur, Bhadravati, Maharashtra, India - 442902
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