

KUNAL BONDALE

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EDUCATION

University of Pune

Pune, India

Bachelor of Engineering in Robotics and Automation (Honors in AIML)

Nov 2022-Jun 2025

GPA: /10.00

Courses: Data Structures and Algorithms, Object Oriented Programming, Machine Vision System, Software Engineering, Robot Programming, Robot Kinematics and Dynamics, Web Application Development, Control Systems, Machine Learning, Artificial Intelligence for Robots

Maharashtra State Board of Technical Education

Pune, India

Diploma in Computer Technology

Nov 2019-Jun 2022

Percentage: 84.2

Courses: Data Structures and Algorithms, Object Oriented Programming, Software Engineering, Web Application Development, Control Systems, Machine Learning, Artificial Intelligence, Python with data Science, C++, C, Java

SKILLS

Programming Languages and Frameworks: Python, C, C++, HTML, CSS, Angular, Bootstrap, SQL, Streamlit, React, Three.js, Scikit Learn, PyTorch, TensorFlow, Keras, OpenCV, NumPy, Pandas, Seaborn, Matplotlib, Hugging Face

Tools and Technologies: Jupyter Notebook, Tableau, PowerBI, Unreal Engine, Linux, AWS, Github, Google Collab

Soft Skills: Analytical & Problem-solving, Fast Learner, Communication & Collaboration, Adaptability, Leadership, Detail Oriented

EXPERIENCE

Kasnet Technologies

Pune, India

Microsoft Azure Technologies (Microsoft Certified)

Dec 2023-Feb 2024

- Developed containers, explores Kubernetes, gained in-depth knowledge about Microsoft Azure services.
- Created an Individual Virtual Environment for deploying projects and platforms.

Internshala – Python Programming

Pune, India

Python Development Intern

Jan 2022-Mar 2022

- Developed a strong foundational knowledge about python, from ground-up and created many mini projects.
- Developed a final cricket game, fully coded with python

PROJECTS

BTC Predictor for IIT Kharagpur Data Science Hackathon

This is a bitcoin prediction model which is built by supervised learning using LSTM algorithm, model is made by python3 and is built on jupyter notebook & google collab. For the construction of this model, I have the data of Bitcoin (BTC) from Jan 2018 - dec 2022 which was provided by the IIT Kharagpur.

Two layered artificial neural network

In this notebook, I implemented a simple two-layer neural network and trained it on the MNIST digit recognizer dataset. This project is helpful to understand the underlying math behind how neural networks work, and how the implementation occurs.

Image classification using TensorFlow

Created a deep learning model using tensorflow, keras and opencv in python3 which classifies images based on a previous set of images upon which the model is trained, where the model reads an image input and helps classify the image.

Music Streaming Website with Genre classification – diploma final year capstone project

Developed a fully functional website using Node.js, html, CSS and js, and an Api which cloned the layout of Spotify and offered an intuitive user interface. Fuelled by a dataset of songs by some of the most popular artists. The genre classifier uses the pitch and the concentration of specific volume factors which easily predict the genre of the uploaded mp3 file. Users can stream music, and classify the genre of their favourite audio clip using a file upload option.

Other projects: my bio website, radnal (concept), Elysium.

AWARDS

- Announced the winner of science day paper presentation on a presentation on a highly debatable topic of Humans vs AI, and received a special prize from the computer science department.

LANGUAGES SPOKEN include English, Hindi, Marathi, French, and Japanese.