ISHAN JAWALE

Curious and driven Computer Engineering student with strong skills in machine learning and data analysis, complemented by leadership and effective communication abilities.

CONTACT

- +91 9307863494
- ishancjawale@gmail.com
- Nashik, Maharashtra
- www.linkedin.com/in/ishan-jawale-1a889a2b8
- github.com/IshanJawale
- https://ishan-jawale-portfolio.vercel.app

EDUCATION

B.Tech in Computer Engineering (Hons.)
2022-2026
K. K. Wagh Institute of Engineering Education and Research, Nashik
CGPA: 9.06 (Sixth Semester)

Higher Secondary Certificate
2020-2022
K.P.C Junior College of Commerce and Science, Kharghar, Navi Mumbai
Percentage: 62.67%

CBSE 10th Grade
2019-2020
Rajghat Besant School, Varanasi
Percentage: 83.6%

SKILLS

- Languages: Python, C++, C, JavaScript
- Frameworks: Flask, React Native
- Database: MySQL, MongoDB
- AI/ML: PyTorch, Tensorflow, Keras, NumPy, Pandas, Scikit-learn
- Tools: Conda, Jupyter Notebook, VSCode, Excel, Postman, Figma, Canva

CERTIFICATIONS

- Supervised Machine Learning: Regression and Classification (Coursera, Stanford, Deeplearning.ai) (September 2024)
- NPTEL: Design and Analysis of Algorithms (September 2024)
- NPTEL: C++ (October 2023)
- Microsoft Azure AI Fundamentals (June 2023)

INTERNSHIP

Medhavyn Technologies June 2025 - Present
Machine Learning & Backend Development Intern
- Live Industrial Project, Industrial Part Inspection, Real-time Object Detection Models (e.g., YOLO), Computer Vision, Python, OpenCV, Custom Dataset Annotation, Real-time Inference, Model Training and Fine-Tuning, Flask Backend Integration, ML Model Deployment

Coincent.ai August 2024 - September 2024
Machine Learning Intern
- Vision Transformer (ViT), Deep Learning, Self-Attention Mechanism, Image Classification, Transformer Architecture, Computer Vision, Model Optimization

PROJECTS

Realtime Sign Language Translation App February 2025 - April 2025
Python, PyTorch, OpenCV, Flask, React Native
Video Classification, PyTorch, R3D-18, Computer Vision, Flask Backend, React Native, Cloudinary, Model Deployment, Real-time Inference, Cross-platform App Development

Automated Drone System for Apple Disease Detection December 2024
Python, OpenCV, Keras, Google Cloud
Drone Technology, Apple Disease Detection, Machine Learning, GPS Integration, Precision Agriculture, User-Friendly Interface, Affordable Farming Solutions

Secure Banking Service App March 2024 - April 2024
Flask, FaceNET, TFLite
Face Authentication, Service Ticketing, Automated Request Handling, Customer Security, Banking App Development, Biometric Verification, Workflow Automation

Tree Plantation Management App September 2024 - October 2024
Python, API Integration, NumPy
Environmental App Development, Location-Based Services, Real-Time Data, Tree Tracking, NGO Integration, Intuitive UI/UX, Sustainability Tech

IoT Enabled Smart Irrigation System April 2023 - August 2023
Python, Scikit-learn, NumPy, API Integration, ESP32, C++, IoT Devices
IoT, Smart Irrigation, ESP32, Soil Moisture Sensors, Weather API, Data Analysis, Crop Recommendation Model, Environmental Monitoring, Sensor Integration, Agricultural Automation.

EXTRA CURRICULAR

MIBCS Club October 2023 - Present
Treasurer and Core Committee Member
- Served as Treasurer of the MIBCS Club, overseeing budget planning, expense tracking, and fund allocation for club activities.
- Led and organized multiple technical events, workshops, and awareness sessions focused on ML, IoT, Blockchain, and Cybersecurity.

CO-CURRICULAR

- National Level Smart India Hackathon 2024 - Hardware Edition (WINNER)
- Idea Hackathon organized by Union Bank of India (Finalist)
- Campus to Corporate 2.0 (Runner-up)
- SPIT Peripherathon 1.0, 2023 (Finalist)