AISHWARYA KOKATE

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EDUCATION

International Institute of Information Technology Pune
Bachelor of Engineering in Computer Engineering (CPI: 8.95 CGPA)   2022 -current

SKILLS / COURSEWORK

Programming Languages: Python , Java
Python Libraries: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, TensorFlow, Streamlit
Machine Learning: Linear Regression, Logistic Regression, SVM, Decision Trees, Clustering Algorithms, PCA (Principal Component Analysis)
Deep Learning: CNN, NLP
Database: MySQL

PROJECTS

- ***Emotion Recognition and Learning System for Autism Support***

Technologies: Python, TensorFlow/Keras, OpenCV, NumPy, Deep Learning, Computer Vision . Developed an AI-driven assistive system that helps individuals with Autism Spectrum Disorder (ASD) recognize and interpret human emotions through facial expression analysis. Implemented a Convolutional Neural Network (CNN) trained on the FER-2013 dataset to classify emotions such as happiness, sadness, anger, surprise, and fear. Integrated OpenCV for real-time face detection and emotion prediction, and designed an interactive interface that engages users with image/video-based emotion identification exercises

- ***Crop Yield Prediction Dashboard***
Crops Yield Prediction and Analysis | Data Science Project
Built a predictive system using Python & Streamlit to forecast crop yield and production across India.
Performed data cleaning, feature engineering, and EDA; visualized trends with Seaborn, Matplotlib, and Plotly.
Developed and deployed ML models (HistGradientBoostingRegressor) achieving R^2 scores ~0.8 with real-time prediction dashboard.

- ***Elder Care Companion***
Developed Elder Care Companion, an AI-powered health monitoring app for the elderly using **Amazon PartyRock**. The app helps senior users track health conditions, get daily wellness suggestions, and ask common health questions. It uses generative AI to make health support more accessible, user-friendly, and responsive without needing complex coding.

INTERNSHIP

Yogiraj Data and AI Labs — Python Developer Intern (July - October 2025)

- Collaborated with project leads to design and deliver scalable API systems using Flask and PostgreSQL.
- Improved data extraction and mapping workflows, reducing manual effort by 40% through automation.
- Coordinated between tech and documentation teams, enhancing communication and alignment.

VOLUNTEER / CO-CURRICULAR ACTIVITY

- Coordinated a corporate Java Cricket Tournament, managing logistics, audience engagement, and on-site activities to ensure smooth execution
- Served as PR Volunteer, enhancing communication between organizers, participants, and faculty.
- Demonstrated strong skills in team leadership, planning, and stakeholder coordination.
- Coordinated college-level events under CESA and Dhruva Tech Fest, managing teams, timelines, and logistics.

ACHIEVEMENTS

- Finalist of SheInspires Women Hackathon(AWS and Zensar)
- SIH First round Qualifier – Team DEVSPHERE
- Certifications – HTML , Power BI , Google Ads Certified , Google Analytics Certification , Google AI ML Internship
- Google cloud skills boost – Advanced Generative AI for Developers https://www.cloudskillsboost.google/public_profiles/2d5e6a98-8d8e-4bad-a01a-b50ae968e895