

Abhishek Karyagol

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PROFESSIONAL SUMMARY

Analytical and innovative AIML fresher with strong foundation in Python, Machine Learning, Data Structures, and SQL, skilled in NumPy, Pandas, Scikit-learn, and TensorFlow. Seeking an entry-level role to apply expertise in data preprocessing, feature engineering, model training, evaluation, and basic deployment using Flask/FastAPI. Passionate about building real-world AI solutions in automation, predictive analytics, and Computer Vision/NLP.

PROFESSIONAL EXPERIENCE

Intern

Dec 2025 - Present

Infosys Springboard

Completed an AIML Internship at Infosys, contributing to end-to-end ML development including data preprocessing, EDA, feature engineering, and model training using Python, Pandas, NumPy, and Scikit-learn. Optimized model performance through evaluation metrics and hyperparameter tuning for improved accuracy and reliability. Gained exposure to Flask/FastAPI deployment basics, Git version control, and professional documentation/presentations.

Intern

Mar 2025 - Present

Applied Standards and Innovations Tech.Pvt.Ltd

Intern at Applied Standards and Innovations Pvt. Ltd., working on real-world AI/ML tasks including data preprocessing, EDA, feature engineering, and model development using Python, Pandas, NumPy, and Scikit-learn. Supported model evaluation and optimization using standard metrics and tuning techniques to improve performance.

CORE SKILLS

- Programming + CS Core • Machine Learning • Deep Learning • NLP + GenAI • Communication
- leadership • Team collaboration • Presentation skills

PROJECTS

SmiloScope

Developing SmiloScope, an AI-powered remote dental diagnostics platform to enable affordable home-based checkups for rural and low-resource communities. Building a hardware + cloud-connected solution using image analysis to detect early tooth decay, with roadmap for gum disease detection and telehealth consultations.

Grow Wise with Flora Finder

Developed an intelligent Indoor Home Plant Advisor web app for plant recommendations and personalized care management. Built a data-driven recommendation engine using environmental factors to suggest suitable plants and optimized care plans. Implemented using Django, Python, HTML, CSS, JavaScript, and MySQL, ensuring a scalable and responsive user experience.

AI Cricket Player Performance Prediction

Developed an AI-based Cricket Player Performance Prediction system using historical match data to forecast player outcomes. Performed data preprocessing and feature engineering to extract key metrics like runs, strike rate, wickets, and consistency. Trained and evaluated ML models using Python, Pandas, NumPy, and Scikit-learn to support team selection and strategy planning.

AI Internship Guardian

Developed AI Internship Guardian, a smart platform to detect genuine vs fake internships using AI-driven analysis. Implemented verification checks, risk scoring, and structured insights based on company and offer details. Built using Python with a web-based interface, focusing on secure login, usability, and scalable design.

ACHIEVEMENTS

Research paper entitled "Sustainable E-Waste Management in 5G Smart Communities using Blockchain" was awarded Best Paper at the 3-day National Conference.

College Ambassador for Techfest, IIT Bombay – Asia's Largest Science and Technology Festival.

Successfully completed NCC (National Cadet Corps) training and awarded the 'A' Certificate, demonstrating discipline, leadership, and commitment.

Volunteered in organizing technical and cultural events at college, contributing to event coordination and logistics.

Recognized and Advanced to the 4th round of the "Sa Re Ga Ma" music competition, showcasing vocal performance skills.

CERTIFICATIONS

Data Analysis & Forensic Technology — Deloitte

samsung Anveshana Ideathon — Samsung

National Level Technical Symposium — Silver Spectrum Techfest, New Horizon College of Engineering

EDUCATION

Bachelor Of Engineering in Artificial Intelligence and Machine Learning

Jul 2027

Cambridge Institute Of Technology

GPA: 8.02