

Ashutosh Kumar Yadav

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SUMMARY

Aspiring Software Development Engineer with a foundation in Computer Science and specialization in AI/ML, actively developing skills through hands-on projects and internships. Strong interest in contributing to impactful projects at leading tech companies. Skilled in Java programming, Python-based ML development, and project management.

SKILLS

Programming Languages: Java, Python

Machine Learning: Machine Learning, Deep Learning, Natural Language Processing (NLP), Data Preprocessing

Agile Development: Agile Scrum (Infosys Springboard certified)

Soft Skills: Leadership, Team Collaboration, Project Management

EXPERIENCE

Infosys Springboard 5.0 - ML Intern

Oct 2024 - Dec 2025

- Led end-to-end development of a disaster tweet classification system using NLP and ML, achieving 92% accuracy; implemented data preprocessing, feature engineering, and model optimization with Random Forest, XGBoost, and Logistic Regression.
- Managed cross-functional team of 5 members, overseeing timelines, assigning roles, and ensuring all milestones were delivered on schedule and within scope.
- Created detailed technical documentation and delivered weekly reports, improving communication efficiency by 30% maintaining clear team communication throughout the project.

PROJECTS

Disaster Tweet Analyzer | *Individual Project*

Oct 2024 - Dec 2025

- Led the end-to-end development of a Natural Language Processing (NLP) model for disaster tweet classification, achieving 92% accuracy; contributed 100% to data preprocessing, 25% to dataset engineering, and 70% to model training and optimization using Random Forest (92% accuracy), XGBoost (85% accuracy), and ultimately deploying Logistic Regression (92% accuracy) as the final model
- Engineered features using TF-IDF and implemented SMOTE-NC to address class imbalance, rectifying imbalance of minority class by 15%.
- Designed and implemented a bot and fake tweet detection pipeline, increasing dataset credibility and reducing noise by 15%.

FINBOTIO 1.0 & 2.0 | *Team Project*

Mar 2024 - May 2024

- Built a foundational finance chatbot aimed at beginners, featuring a database of 300+ keywords and Dialogflow integration
- Collaborated in a 5-member team to create an basic finance-based chatbot for personalized financial advice.

POSITIONS OF RESPONSIBILITY

- Team Lead**, Infosys Springboard Internship Project
- Project Leader**, Team-FINBOTIO at College Project Exhibitions (1.0 & 2.0)
- Captain**, Volleyball Team in multiple college-level tournaments

EDUCATION

VIT Bhopal University

2022 - Present

Bachelor of Technology in Computer Science and Engineering — Spec. AIML
Graduation: 2026

CGPA: 8.67

XII (CBSE)

2019

93%

X (CBSE)

2019

88.2%

ACHIEVEMENTS & INTERESTS

- Selected in TOP 500** in Ericsson Edge Academia Program
- Hobbies:** Fitness, current affairs, puzzle solving