

**Name:**

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**Career Objective / Profile**

Analytical and technically driven Artificial Intelligence student passionate about building scalable, data-centric systems. Skilled in machine learning, automation, and model optimization, with a focus on applying deep learning and statistical methods to solve complex real-world challenges.

**Education**

B.S. Artificial Intelligence, FAST National University of Computer and Emerging Sciences (2022 – 2026)

Relevant Courses: Machine Learning, Deep Learning, Data Structures, Database Systems

**Skills**

Python • TensorFlow • Keras • Data Preprocessing • Deep Learning • SQL • Model Optimization

**Experience / Internships**

Machine Learning Intern – DevelopersHub Corporation (Apr 2025 – Jun 2025)

- Collaborated on machine learning pipelines and model evaluation using TensorFlow and Python.
- Optimized preprocessing workflows for cloud-based deployment.

Machine Learning Intern – CodeAlpha (Apr 2025 – May 2025)

- Worked on predictive modeling and feature engineering tasks.
- Enhanced machine learning accuracy through data refinement and hyperparameter tuning.

**Projects / Research**

#### Tomato Leaf Disease Detection (2025)

Developed a CNN using EfficientNet-B0 with attention mechanisms, achieving 99.6% accuracy on PlantVillage data.

#### Automated Cold Email Outreach (2025)

Built an AI-driven email automation system integrating Google Gemini and n8n for personalized outreach.

#### Flight Delay Prediction (2025)

Implemented ML models using regression and random forests to predict delays from weather and flight data.

#### Breast Cancer Classification (2025)

Trained a TensorFlow-based model for tumor classification with optimized preprocessing and parameter tuning.

#### **Achievements / Extracurricular Activities**

- Participated in university AI club activities and coding competitions.
- Contributed to collaborative ML research and open-source projects.