# **AHMAD ABDULLAH**

Computer Science Student | Python Developer | Backend Developer | Software Engineer

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**Professional Summary**

Computer Science student at FAST NUCES with hands-on experience in Python, machine learning, and backend development. Completed internships in ML engineering, data analysis, and software development, delivering projects from Drive Manager for managing data to AI Assistant for tasks automation. Built 25+ GitHub projects showcasing expertise in Flask,Data science,and API development.

**Technical Skills**

**Languages:** Python, C++, JavaScript, HTML5, CSS3, SQL

**Frameworks:** Flask, Bootstrap, SQLAlchemy, Node.js, Express.js

**Backend:** REST APIs, Flask-Migrate, Jinja2, Database Design

**AI/ML Tools:** Speech Recognition, TTS, NLP,Numpy, Pandas,Matplotlib, Seaborn, Scikit-Learn

**Database:** MySQL, SQLAlchemy, Database Migration,MongoDB

**Tools:** Git, GitHub, VS Code, Visual Studio,Postman

**Experience**

**ML Intern**

MKA AI | Aug 2025 - Sep 2025

* Developed predictive models using scikit-learn and pandas ,handled datasets with 100k+ records.
* Performed data preprocessing, feature selection, and model evaluation to enhance accuracy by 15%.
* Collaborated on real-world ML projects and shared on Kaggle to demonstrate model performance.

**Data Analyst**

Eleevo | July 2025 - Aug 2025

* Analyzed large datasets using Python, pandas, and NumPy to extract actionable insights.
* Visualized business trends with Matplotlib and Seaborn to support strategic decision making.
* Automated data workflows, generated reports, reducing manual time by 40% and increase efficiency.

**Python Developer Intern**

CodeAlpha | June 2025 - July 2025

* Built a Stock Portfolio Tracker with Flask and CSV export functionality for financial monitoring.
* Developed an interactive Hangman game with a graphical user interface.
* Created an AI chatbot with time-based greetings and voice responses, enhancing user engagement.

**Key Projects**

**AstroHub - GitHub-Style Platform**

Custom Github-style platform with secure authentication, project showcase, and users dashboard.

Tech: Flask,SQLAlchemy and MySQL.

**Personal AI Assistant**

Voice-enabled assistant with weather forecasting, task scheduling, drive manager and NLP.

Tech: Python,Speech Recognition and OpenAI API.

**Offline Translator & Voice Assistant**

Flask app with offline translation via a Custom API, dynamic themes, and voice I/O , with 80% accuracy.

Tech: Flask,Speech Recognition,Custom Translation API and Deep Translator.

**Education**

**Bachelor of Science in Computer Science**

FAST NUCES | August 2023 - July 2027

**FSc Pre-Engineering (Grade: A)**

Punjab Group of Colleges | July 2021 - March 2023

**Achievements & Certifications**

* Hackathon Participant - IIT Kanpur TechFest (Nov 2024) - Developed AI project within 36 hours.
* Flask Course - freeCodeCamp (Jul 2025) - Covered **Flask routing, templates, APIs, and database.**
* Data Analysis by Python - Microsoft (Jul 2025) - Covered Numpy, Pandas,Matplotlib and Seaborn.
* ML for All - University of London (Jul 2025) - Covered Supervised,Unsupervised and other ML Models.
* Built a Professional Network 3000+ LinkedIn Followers and 500+ Industrial Connections.
* Built 25+ GitHub projects, including Python,C++,Data Science, ML models and Backend systems.

**Leadership & Activities**

* Member - FAST Club of App Development & Programming (Sep 2024 - Jan 2025)
* Member - Google Developer Students Club (Oct 2024 - Jan 2025)