# Afsar Azam

AI Engineer & Data Science Enthusiast

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## Professional Summary

Highly motivated B.Tech (Artificial Intelligence) student skilled in Machine Learning, Data Science, and Frontend Development. Experienced in building intelligent systems that integrate Python, ReactJS, and NLP models for practical problem-solving. Proven record of 20%+ model accuracy improvement and real-world deployment through academic and hackathon projects.

## Technical Skills

AI & ML: Python, Scikit-learn, Pandas, NumPy, NLP (NLTK, SpaCy), Regression, Classification, Time Series (ARIMA), Flask  
Frontend & UI/UX: ReactJS, TypeScript, JavaScript (ES6+), Tailwind CSS, Figma, Responsive UI Design  
Data & Tools: SQL, Power BI, EDA, Matplotlib, Seaborn, Git, GitHub, VS Code, Jupyter Notebook

## Projects (Impact-Oriented)

* GreenLoop — AI-Driven Community Gardening Platform
* Built ML-based compost prediction model improving waste-to-soil conversion by 18%.
* Designed responsive UI with ReactJS and integrated AI recommendations.
* MyMoneyMentor-AI — FinTech Planner
* NLP-driven budget planner improving adherence by 20%.
* Deployed ML models using Flask for real-time financial guidance.
* MyJarvis — Advanced Voice Assistant
* SpeechRecognition + NLP assistant achieving >90% accuracy.
* Automated desktop tasks and integrated OpenAI-powered response models.
* COVID-19 Trend Analysis
* Time Series forecasting using ARIMA with <5% MAPE error.
* Developed Power BI dashboards for state-level visual analytics.
* Netflix Data Analysis
* EDA on streaming data using Pandas and Matplotlib; achieved Top 10 Ranking in the Data Insight Challenge.
* Library Management System
* Flask-based application reducing manual tracking by 40%.
* Added analytics dashboard for user insights.

## Experience

AI Intern — MyCollege AI Lab (Jan 2025 – Present)

• Developed predictive ML models for resource management.  
• Automated research data workflows using Python (30% time saved).  
• Collaborated on Git/GitHub for version control and deployment.

## Education

B.Tech in Artificial Intelligence — Sage University, Indore (Expected 2028)

## Achievements

🏆 Winner — InnovateX Challenge (AI Chatbot)  
🥈 Top 10 Ranking — Data Insight Challenge (Netflix Analysis)  
💡 Open-Source Contributor — NLP repositories on GitHub

## Career Objective

To create human-centered AI systems that blend Data Science, Machine Learning, and Design Thinking to deliver measurable real-world impact and innovation.