

# AFSAR AZAM

*AI Engineer and 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 integrating 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.

## PROJECTS

### - 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 and NLP assistant achieving over 90 percent accuracy. Automated desktop tasks and integrated OpenAI-powered response models.

### - COVID-19 Trend Analysis

Time Series forecasting using ARIMA with less than 5 percent MAPE error. Developed Power BI dashboards for state-level visual analytics.

## 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.

## SKILLS

### 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

### Soft Skills:

Teamwork, Problem-Solving, Adaptability, Work Ethic, Attention to Detail, Communication, Leadership