

# AHMED ASHFAQ

## PROFILE

Computer Science graduate with a passion for Cloud Computing and hands-on experience in Python, Django, and cloud-based solutions. Proficient in designing scalable and secure cloud architectures, with strong problem-solving abilities. Eager to apply my skills in cloud infrastructure and development to drive success in a cloud engineering role.

## KEY SKILLS

- Python Programming
- Cloud Computing (Azure)
- Containerization (Docker)
- DevOps (CI/CD pipelines)
- Networking & Security in Cloud
- Problem Solving
- HTML, CSS, JavaScript

## COURSE LIST

- Artificial Intelligence
- Machine Learning
- Block Chain Technology
- Computer Networks and Security
- Data Mining
- Web Technologies

## PROJECTS COMPLETED

### Flashcard SaaS

The Headstarter  
2024

Developed a web-based flashcard platform that automates flashcard generation using AI. Implemented secure user authentication, cross-device synchronization, and integrated subscription-based plans for premium features such as offline access. Leveraged technologies like Next.js, Google Gemini API, Clerk, and Stripe for a scalable, responsive application that enhances learning efficiency for users across devices.

### DunderBOT

The Headstarter  
2024

Developed an AI-powered chatbot for The Office TV show using Google Generative AI API to generate responses in the style of show characters. Built the chatbot with Next.js for server-side rendering and React for the front-end, integrating Firebase for real-time data and user management. Designed an engaging and interactive UI that captures the essence of the show while providing functional customer support.

### Understanding the Factors Influencing CTR in Online Advertising

Deccan College of Engineering & Technology  
2024

In my final year engineering project, I investigated what makes people click on online ads (CTR). I used data analysis (and maybe even machine learning) to identify the key factors like ad design, content, targeting, and user behavior. This project wasn't just about ads, it also helped me develop real-world engineering skills through data collection, processing, analysis, and potentially even model building.

[Published Research Paper](#)

## EDUCATION

### Bachelors of Engineering

Computer Science & Technology  
Deccan College of Engineering & Technology  
August 2024