

# Shagul A

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## Profile

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Driven and detail-oriented Data Analyst with a passion for transforming data into actionable insights and developing AI-powered solutions. Proficient in predictive analytics, full-stack development, and analytical problem-solving. Experienced in innovative projects such as an automated flushing system using electrical components and a healthcare-focused nutrition tracking application. Committed to continuous learning, innovation, and collaborative solution-building for real-world impact.

## Education

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### B.Tech Artificial Intelligence and Data Science

Karpagam College of Engineering

CGPA - 8.1

Velammal Bodhi Campus Higher Secondary School

78%

## Projects

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### Movie Recommendation System

Developed a content-based movie recommendation system using KNN and deployed it with Flask, leveraging Docker for scalable deployment. Managed data and model versions with DVC, used Git for version control, and implemented an MLOps pipeline for automated training and deployment.

### Book Recommendation chatbot

Developed an interactive Flask-based chatbot that suggests personalized book recommendations based on user preferences.

Implemented modular Python functions to handle genre selection, author filtering, and user input processing.

Designed a clean and responsive web interface enabling real-time conversation and dynamic recommendation display.

## Skills

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Python	SQL
Data Structures and Algorithm	Java
HTML	CSS
Bootstrap	

## Certificates

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### Enhanced Soft Skill development and Personality

NPTEL[Elite]

### Design and Analysis of Algorithm

NPTEL[Elite]

### Docker Essentials

IBM

### Qlik

Qlik Sense Business Analyst