

# Alistair Francis

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## SKILLS

**BACKEND DEVELOPMENT** | Python • Django • Flask • Rest-API • JWT Tokens

**FRONT END DEVELOPMENT** | JavaScript • HTML5 • CSS

**DATABASES AND TOOLS** | MySQL • Firebird DB • Docker • Git and GitHub • Postman

**OS** | Linux • Windows

## PROJECTS

### Flask-based Movie Recommendation System with FAISS & Llama Embeddings

- Developed a movie recommendation web application using Flask, FAISS, and Llama2 embeddings.
- The system processes user prompts, retrieves relevant movie data, and uses FAISS for efficient similarity searches.
- Integrated an embedding API to compare movie descriptions, enabling personalized recommendations.
- The app ensures fast and accurate matching with an intuitive interface, optimized for large-scale datasets.

### Online Market using Django

- This Django and React marketplace integrate REST APIs for seamless communication.
- Featuring secure login, order history, and wish lists. With a payment gateway, it ensures secure transactions.
- Providing a user-friendly experience, it offers comprehensive functionalities while prioritizing security and reliability.

## EDUCATION

### Rajarshi shahu college of engineering

B.E (Electronic and telecommunication)

2018 - 2022 | India

GPA: 8.72 / 10

### Vidhya Bhavan Jr college

Class XII (HSC)

2018 | India

Percentage-63

### Alphonsa High School, Pune

Class X(SSC)

2016 | India

Percentage-70

## WORK EXPERIENCE

### Mercedes-benz India

Apprentice (12/2022 - 11/2023)

Production Department

- Directed team to achieve daily objectives with unwavering commitment to environment resulting in a 15% increase in productivity and a 10% decrease in error rate
- Led a 60-person team through ramp-up and production phases, ensuring timely completion and successful delivery.
- Coordinated weekly project status updates, ensuring alignment among cross-functional teams and achieving a 10% improvement in on-time project delivery.
- Introduced mentorship with team leaders aiding junior and senior members, reducing daily faults by 10% and boosting productivity by 30%, with a 15% rise in satisfaction.
- Boosted daily vehicle output by 400% from 4 to 20 cars/day within 3 weeks, while upholding quality standards.

### Tata Motors

Intern (03/2022 - 05/2022)

Maintenance Department

- Developed a robust automated script Using Python and Firebird database, resulting in a 30% reduction in operation cycle time, boosting efficiency and productivity significantly.

## ACHIVEMENTS

- Won Best Performer Award for starting and ramping up GLC.
- Won 1<sup>st</sup> price in interdepartmental project competition

## CERTIFICATES

### Cisco

Introduction to cyber security

### Coursera

Python, DSA and OOPS concepts