

# ALLEN JOHN JOY

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 Chalakudy

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## Profile

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Motivated BCA student with a strong foundation in programming (Java, Python) and IT systems. Skilled in web development, databases, and troubleshooting. Strong problem-solving and teamwork abilities, eager to apply technical knowledge to real-world projects.

## Projects

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### Personalized Medicine Recommending System

- **Developed** a recommendation system to suggest alternative medicines by leveraging cosine similarity on user input, aiding accessibility to similar medication options.
- **Implemented text preprocessing and vectorization** using NLTK and scikit-learn to ensure accurate matching and meaningful recommendations.
- **Designed an interactive web interface** using Flask, allowing users to easily input medicine names and receive real-time suggestions.

## Skills

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### Technical Skills

- Python
- Java
- HTML
- CSS

### Soft Skills

- Adaptability
- Problem Solving
- Work Ethic
- Team Collaboration

## Certificates

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### • Machine Learning with Python

Coursera (IBM) (2025)

### • Cambridge English Business Certification

Business English Certificate Preliminary (BEC-P)  
Certification (2022-23)

### • Blockchain

Technovo Tech (2022-23)

## Education

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2022 – 2025

### BACHELOR OF COMPUTER APPLICATION

*Sahridaya College Of Advanced Studies Kodakara*

2021 – 2022

### HIGHER SECONDARY | BIOLOGY WITH INFORMATION PRACTICES

*Crescent Public School Chalakudy*