

Christy Maria Sebastian

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PROFILE

AI Enthusiast and Front-End Developer skilled in Python, NLP, and React Js, with experience in creating AI-driven applications like chatbots and translators. Passionate about building impactful solutions in AI and web technologies.

EDUCATION

APJ Abdul Kalam Technological University Kottayam, Kerala, India
B. Tech – Artificial Intelligence and Data Science June 2025

- Currently pursuing final year B Tech in Artificial Intelligence and Data Science at St. Joseph's College of Engineering and Technology, Palai, Kottayam
- Current CGPA : 8.75 (Upto 7th Semester)

WORK EXPERIENCE

Pillzen Pvt. Ltd Palai
Front-End Developer Intern 2023 January – 2024 November

- Built visually appealing, responsive websites for diverse clients, including eCommerce platforms and portfolios.
- Worked in the React.js stack for efficient web development.
- Contributed to projects on building the websites, [ASME-SJCET](#) and [Den-n-Den](#)

SKILLS & INTERESTS

Programming Languages: Python, R, C, HTML, CSS, JavaScript, TypeScript, MySQL.

Working Field: Natural Language Processing, Deep Learning, Machine Learning , Data Analysis, Front-End Development, Database Management, Prompt Engineering.

Frameworks: React.js, Bootstrap, Tailwind CSS, Viet.js, Node.js

Tools: Figma, Webflow.

Soft Skills: Project Management, Adaptability, Teamwork, Time Management, Leadership, Effective Communication, Critical Thinking.

Languages: English, Hindi, Malayalam.

Interests: Building some creative projects, Learning something new.

LEADERSHIP EXPERIENCE

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| 1. GTech MuLearn Execom | 2023–2024 |
| <i>Campus Co-Lead</i> | |
| 2. Google Developers Student Club (GDG) Execom | 2023–2024 |
| <i>Python Lead</i> | |
| 3. ADSA(Artificial Intelligence and Data Science Student's Association) Execom | 2023–2024 |
| <i>Joint Secretary</i> | |

CERTIFICATIONS

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| 1. Pathway Pilot Batch Graduate | March 2024 |
| | <i>G Tech MuLearn, Pathway AI</i> |
| 2. Javascript Algorithms and Data Structures | November 2023 |
| | <i>freeCodeCamp</i> |
| 3. Responsive Web Design | November 2023 |
| | <i>freeCodeCamp</i> |

VOLUNTEERING

- Volunteered in IEDC Summit 2021 in the decoration team and the event management team.
- Volunteered in conducting an event, "Reels To Reality" in ASTHRA 2022, College Tech Fest.
- Core Coordinator in conducting another Tech event, Agilithon, in ASTHRA 2023, College Tech Fest.

PROJECTS

1. EchoChat: An AI Chatbot

LLM, RAG, NLP

- Developed as part of the GTech MuLearn Pathway AI BootCamp.
- It is an interactive chatbot powered by Langchain and OpenAI modules.
- It intelligently understands and generates natural language responses, providing users with a seamless and user-friendly conversational experience by implementing Retrieval Augmented Generation(RAG).

2. Multilingual Translator

NLP, Python, React.js, TypeScript

- Created a Multilingual Translator using NLP API integration.
- It is able to do translation in multiple languages such as English, German, Spanish etc.

3. ChromaRide 3D

React.js, TypeScript, Opencv.js, Three.js

- This project is built as a part of "Useless Projects" Makeathon hosted by TinkerHub.
- Contributed in building web applications for customizing 3D car models based on real time color detection.
- Used javascript libraries such three.js and opencv.js.

4. Disease Detection and Health Recommendation System

Naive Bayes, AI, ML, React.js, TypeScript

- This project is built as a part of my Mini Project in BTech Pre-Final Year.
- Contributed in developing a Disease Detection system by training the Naive Bayes model.
- Applied strategies such as Data Cleaning, Data Integration etc.

5. AI Consultation Assistant using NLP and Deep Learning

NLP, Deep Learning, Pegasus, React.js, TypeScript

- This project is built as a part of my Main Project in BTech Final year.
- Contributed in training the text summarization model and medical recommendation system inside the system.