

Adithyan S Pillai

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PROFILE

Third-year Computer Science Engineering student specializing in Artificial Intelligence and Machine Learning. Experienced in developing and deploying AI solutions, creating web extensions, and working with mobile applications. Built working prototypes of algorithms showcased in my portfolio website. Implemented data extraction using Python and collaborated with industry professionals on real-world applications.

EDUCATION

B-Tech in Computer Science (AI and Machine Learning)

Jan 2022 – Jun 2026

Sree Chitra Thirunal College of Engineering, Trivandrum

TECHNICAL SKILLS

Programming Languages: Python, Java, HTML, CSS, JavaScript

Frameworks and Libraries: TensorFlow, OpenCV, Keras, Scikit-learn, Pandas

Tools: Git, Jupyter, VS Code

Databases: MySQL

PROJECTS

AI-Powered Trading Education Platform

2025

AI, Fintech

- Developed a trading platform aimed at educating users with no prior trading experience.
- Integrated AI models, block chain and chatbots to guide users through financial concepts and trading strategies interactively.

AURA - Academic Utility and Resource Assistant

2025

AI Integration, Web Scraping

- Developed an academic tool providing real-time attendance tracking, timetables, and notifications.
- Implemented data extraction from ETLab using web scraping techniques.

YouTube Video Summarizer Extension

2025

Chrome Extension, NLP

- Developed a Chrome extension that summarizes YouTube videos live while watching.
- Extracts subtitles, processes them using NLP, and generates real-time summaries.

Mobile App for Health Event Tracking

2025

Mobile Development Collaboration

- Created a mobile app for tracking health events like marathons.
- Collaborated with a mobile developer from UST to enhance application functionality.

Stock Price Prediction using LSTM

2024

Time Series Analysis, LSTM Networks

- Built a predictive model for stock price forecasting using LSTM on historical stock data.
- Achieved an accuracy rate of 85% through advanced time-series analysis.

EXTRACURRICULAR ACTIVITIES

Sub-Committee Member, Technical Team

Sept 2024 – Present

Innovation and Entrepreneurship Development Center (IEDC)

- Contributed to technical projects, conducted workshops, and mentored student teams.

Volunteer, Google Developer Students Club

Sept 2024 – Present

- Organized events and supported student-led projects, mentoring on software development.

AWARDS

Best Game Developer Award	2024
<i>Sree Chitra Thirunal College of Engineering</i>	
<ul style="list-style-type: none">Developed an AI-integrated game that won a college-wide competition.	
Innovation in Financial AI Award – FINOVA	2025
<i>DEFINE Hackathon</i>	
<ul style="list-style-type: none">Awarded 500 dollars for developing financial educator AI website , an AI-powered fintech platform offering personalized financial insights and Ethereum-based payment integration.	

HACKATHONS

Kochi Hackathon	2025
Participated in a 48-hour hackathon, building AI-powered solutions.	
Make-a-Ton Hackathon (GitHub)	2024
Developed an innovative project using GitHub tools and AI frameworks.	
InApp Hackathon	2025
Designed and implemented AI-driven applications under time constraints.	
Define Hackathon	2025
Built a smart assistant using LLM integration, showcasing practical use cases of generative AI.	