

# ABINAYA ARUMUGAM

B.Tech Artificial Intelligence and Data Science

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## EDUCATION

Year	Degree	Institute	CGPA/%
2022 - 2026	B.Tech	Anna University Regional Campus,Coimbatore	8.5 CGPA
2022	12 <sup>th</sup> State Board	GGHSS, Sankarapuram	91.5%
2020	10 <sup>th</sup> State Board	GGHSS, Sankarapuram	93%

## TECHNICAL SKILLS

- Python
- C (Basics)
- HTML/CSS
- Bootstrap
- SQL
- Excel (Basics)

## PROJECTS

- **DeepFake Detection** – Developed a mini-project using deep learning and CNNs to detect deepfake images/videos.
- **Water Level Monitoring System** – Designed an IoT-based system for real-time water level monitoring.
- **RFID-based Bus Ticketing and Payment System** – Implemented an RFID-based system for automated fare collection and passenger tracking with AI/ML enhancements.
- **Android Application for Keeping Up Latest Headlines** – Built a real-time news app using Jetpack Compose, Retrofit, and Coil.
- **Speech Recognition** – Created a Python-based speech recognition system for converting real-time audio to text using SpeechRecognition and sounddevice.

## INTERNSHIPS

- **Full-Stack Development Intern, Ultrafly Solution Pvt Ltd** – Developed and optimized web applications, integrating backend APIs and improving database performance.

## COURSES AND CERTIFICATIONS

- **Microsoft AI Fundamentals** – [Certificate](#)
- **Oracle Cloud Infrastructure Foundations** – [Certificate](#)
- **HackerRank Problem Solving** – [Certificate](#)
- **Creating Own Chatbot** – Great Learning – [Certificate](#)

## LANGUAGES

- Tamil
- English

## EXTRA CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Participated in an AI Workshop at Coimbatore Institute of Technology, Coimbatore.
- Completed a 5-day Employability Soft Skills Training Program Conducted by Center for University -Industry Collaboration,Anna University,Chennai.
- Won the Zonal Level Essay Competition as part of the Kalaignar Centenary Celebration.