

Anna V Viswanadh

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AI enthusiast skilled in ML, cloud, and full-stack development, building impactful real-world solutions.

EDUCATION

Amrita Vishwa Vidyapeetham , Coimbatore <i>B.Tech, Artificial Intelligence</i> GPA: 7.43/10.00	Sep 2022 – Jun 2026
Narayana Junior College , Tirupati Higher Secondary, 95.7%	Jul 2020 – May 2022
Narayana E.M. High School , Tirupati Secondary Education, 95.8%	Jul 2019 – Mar 2020

SKILLS

Programming Languages:

Python, JavaScript, C, MATLAB, Java

Web & Cloud Technologies:
HTML5, CSS3, React.js, Node.js, MongoDB, AWS (S3, Cognito, SES, Textract, SageMaker)

Developer Tools:

Git, GitHub, VS Code, Postman, Google Maps API, LaTeX

Soft Skills:

Strong problem-solving, effective communication, teamwork, adaptability, time management

PROJECTS

Detection of Cardiovascular Diseases using Heart Sound Analysis (SVM, CNN+LSTM)	Nov 2024
<ul style="list-style-type: none">Built a deep learning pipeline using CNN+LSTM to analyze heart sounds and extract temporal features.Achieved high accuracy using SVM post-classifier with optimized hyperparameters.	
Multi-Speaker Speech Separation using Spatial & Acoustic Features (SuperFormer, SpaRSep)	Apr 2025
<ul style="list-style-type: none">Combined MFCCs, DOA, ITD, ILD with SuperFormer and SpaRSep for source separation.Applied VAD, wavelet denoising, and spectral subtraction for improved clarity.	
RealEstate-360: Smart Property Listing with QR & AWS	Apr 2025
<ul style="list-style-type: none">Developed a React.js + AWS-based platform with OTP login, QR codes, and document upload via Textract.Implemented price prediction using Random Forest + k-NN with 89.2% accuracy.	

EXTRACURRICULAR ACTIVITIES

Anokha Tech Fest, Amrita University	Feb 2024
<ul style="list-style-type: none">Engaged in AI, robotics, and workshops led by industry experts.Volunteered in event coordination and campus tech showcase.	
Gokulashtami Celebrations	Sep 2023
<ul style="list-style-type: none">Contributed to the grand cultural celebration symbolizing Lord Krishna's birth.Promoted campus unity through cultural performances, decoration, and bhajans.	

CERTIFICATIONS

Introduction to Artificial Intelligence — IBM SkillsBuild	
Artificial Intelligence Foundation — Infosys Springboard, Jul 2024	