

# Anna V Viswanadh

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

## EDUCATION

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

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

## EXTRACURRICULAR ACTIVITIES

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

## CERTIFICATIONS

Introduction to Artificial Intelligence — IBM SkillsBuild <a href="#">🔗</a>
Artificial Intelligence Foundation — Infosys Springboard, Jul 2024 <a href="#">🔗</a>