

Harshith Potnuri

B.Tech in Artificial Intelligence Engineering (2022–26)
Amrita Vishwa Vidyapeetham, Coimbatore

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[LinkedIn](#)

— [GitHub](#)

— [Portfolio](#)

Summary

B.Tech student in AI Engineering with hands-on experience in machine learning, full-stack development and cloud technologies. Skilled in building scalable web apps and deploying deep learning models. Seeking internship or entry-level roles to apply and grow in real-world software and AI projects.

Education

| Degree | Institution / Board | CGPA / % | Year |
|-------------------------|--|----------|---------|
| B.Tech – AI Engineering | Amrita Vishwa Vidyapeetham, Coimbatore | 7.63 | 2022–26 |
| 12th – SSC | Sri Ganesh Junior College, Visakhapatnam | 90.9% | 2020–22 |
| 10th – SSC | Sri Chaitanya Techno School, Visakhapatnam | 96.5% | 2019–20 |

Projects

RealEstate-360

Nov 2024 – Apr 2025

Full Stack Web Development – React.js, Node.js, AWS, Google Maps API

- Integrated QR codes with newspaper ads for instant access to dynamic property listings.
- Included route mapping and real-time nearby amenity data to support buyer decision-making.
- Implemented secure user authentication and admin dashboard for property management.

Cloud-Based Video Streaming Platform

Feb 2024 – Jul 2024

Cloud Computing Web Development – AWS, Node.js, HTML, CSS, JavaScript

- Developed a secure, scalable video streaming system for educational and content platforms.
- Used AWS S3 for efficient storage and AWS Cognito for secure user authentication.
- Ensured high-performance content delivery with seamless playback and user management.

Detection of Cardiovascular Diseases

Nov 2023 – Jan 2024

Biomedical Signal Processing – Python, NumPy, SciPy, SVM, CNN-LSTM

- Built a diagnostic system using ECG and PCG signals for multi-class disease detection.
- Applied preprocessing and hybrid ML models (SVM, CNN-LSTM) for improved robustness and accuracy.
- Conducted comparative analysis across models to identify optimal signal features and classification pipeline.

Technical Skills

Languages: Python, C++, C, Java, JavaScript, MATLAB, HTML/CSS

Web Development: React.js, Node.js, Express.js

Databases: PostgreSQL, MySQL

ML/AI: TensorFlow, PyTorch, Scikit-learn, OpenCV

Cloud: AWS, Azure

Certifications

- Career Essentials in Generative AI** – Microsoft & LinkedIn [\[Link\]](#) Sep 2024
- Python 101 for Data Science** – CognitiveClass.ai [\[Link\]](#) Aug 2024
- Career Essentials in Software Development** – Microsoft & LinkedIn [\[Link\]](#) Aug 2024

Extra Curricular Activities

- Solved 200+ LeetCode problems in C++, focusing on data structures and algorithms.
- Secured Top 20 ranks in two national-level hackathons and case competitions.
- Hobbies: Playing Guitar, Photography.

Positions of Responsibility

- Social Media Mentor**, Tensor Club, Amrita Vishwa Vidyapeetham
Guided the club's online presence, managed event promotions, and mentored juniors in tech outreach strategies. Sept 2024 – June 2025
- Security Discipline Guide**, Anokha Tech Fest, Amrita
Ensured smooth and safe conduct of campus-wide technical events by coordinating logistics and crowd management. Feb 2024

Languages

English, Telugu, Hindi