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| **Harshith Potnuri** |  | *Visakhapatnam, India* |
| B.Tech in Artificial Intelligence Engineering (2022–26)  Amrita Vishwa Vidyapeetham, Coimbatore | [LinkedIn](https://www.linkedin.com/in/harshith-potnuri-144har) | +91 7013704561  [potnuriharshith@gmail.com](mailto:potnuriharshith@gmail.com)  — [GitHub](https://github.com/Harshith422) — [Portfolio](https://portfolio-harshith422s-projects.vercel.app/) |
| **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

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| **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]](https://www.linkedin.com/learning/certificates/b8ac595c652c1061da4a8933deafbe3abc50268bc87f04dff481fc7d6655478b?trk=share_certificate) *Sep 2024*
* **Python 101 for Data Science** – CognitiveClass.ai [[Link]](https://courses.cognitiveclass.ai/certificates/3914338a47a34743a804200942ba4e63) *Aug 2024*
* **Career Essentials in Software Development** – Microsoft & LinkedIn [[Link]](https://www.linkedin.com/learning/certificates/dbeefbcc54c5c9a3a9178d9b26c0c03cd00b7598f6ec72edba7a2a37336929b8?trk=share_certificate) *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 *Sept 2024 – June 2025*

Guided the club’s online presence, managed event promotions, and mentored juniors in tech outreach strategies.

* **Security Discipline Guide**, Anokha Tech Fest, Amrita *Feb 2024*

Ensured smooth and safe conduct of campus-wide technical events by coordinating logistics and crowd management.

# Languages

English, Telugu, Hindi