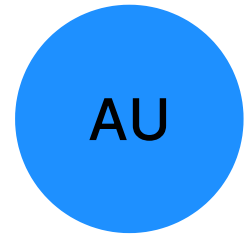# ADHAVAN U S

The role you are applying for?

📞 8248101017　@ adhavan1801@gmail.com　🔗 www.linkedin.com/in/adhavan-u-s-634b5a322

📍 Salem,Tamil Nadu , India

AU

SUMMARY

Motivated and curious first-year B.Tech student in Artificial Intelligence and Data Science at Amrita Vishwa Vidyapeetham. Strong foundational knowledge in machine learning and programming. Passionate about applying AI to real-world problems through hands-on projects and research. Actively exploring advanced techniques like PCA, SVD, and graph learning, with experience in tools like Raspberry Pi and Nginx. Known for quick learning, problem-solving ability, and a drive for continuous improvement.

PROJECTS

Pong Verse – Designed, developed, and hosted a dynamic Pong game on a Raspberry Pi server using Nginx. Included CPU and multiplayer modes with an adaptive difficulty system and a unified leaderboard.

📅 Date period　📍 Location
Short summary of your work
- What was a successful outcome of your work? (e.g. Raised $3,000 for the charity)

NAND2Tetris – Built a digital sequence detector for the binary pattern '0110' using low-level logic gates, demonstrating understanding of fundamental hardware design concepts

📅 Date period　📍 Location
Short summary of your work
- What was a successful outcome of your work? (e.g. Raised $3,000 for the charity)

LANGUAGES

English
Advanced
●●●○○

Tamil
Native
●●●●●

Hindi
Beginner
●○○○○

EDUCATION

B.Tech in Artificial Intelligence and Data Science

Amrita Vishwa Vidyapeetham, Coimbatore
📅 2024 - 2028

SKILLS

Python　C　MATLAB　Java

PCA　SVD　LGBM

Random Forest

Gaussian Process Classifier

Feature selection　Raspberry Pi 5

Nginx　Arduino

INTERESTS

💎 **Developing Machine Learning Models**

💎 **Solving LeetCode problems.**

💎 **Upskilling myself**

STRENGTHS

💎 **Strong foundation in linear algebra and statistics**
Explain how it benefits your work.

💎 **Self-motivated learner with interest in ethical AI and data analysis**
Explain how it benefits your work.

💎 **Passion for developing tech-based real-life solutions**
Explain how it benefits your work.