



AKSHAYA M

B.Tech Artificial Intelligence and Data Science

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Objective:

As a committed and industrious third-year Artificial Intelligence and Data Science student, I am passionate about transforming the world with technology. As a dedicated and ambitious Artificial Intelligence and Data Science student, I am eager to enhance my professional skills in a dynamic and forward thinking workplace.

Education:

- **Kumaraguru College of Technology**
B. Tech Artificial Intelligence and Data Science
CGPA: 8.74 (up to 5th semester) (2022-2026)
- **S.B.O.A Matric Higher Secondary School**
SSLC, Percentage: 85%| 2020
HSLC, Percentage: 95%| 2022

Languages:

- Tamil
- English

Projects:

- **Energy Consumption & Prediction using Python**

Developed a machine learning model to predict energy consumption in smart buildings using data from sensors, weather APIs, and historical usage records. Evaluated multiple algorithms including linear regression, SVMs, and Random Forest to optimize accuracy. The model aids in energy efficiency, cost reduction, and sustainability by optimizing HVAC, lighting, and appliance usage.

Paper presentation:

- Presented a paper title "Adaption of NLP models for Signlanguage" in International Conference held by Chevalier T.Thomas Elizabeth College for Women on August 29, 2024
- Presented the abstract of our research titled "Unmasking Deepfakes: A Multi-Domain Analysis for Face Swap Detection. in CIT (Feb 28, 2025)

Certifications:

- AI-ML Virtual Internship (Edu skills)- April-June 2024
- NPTEL certification: Responsible and safe AI systems – Jul -Oct – 2024.
- Cybersecurity - Tech Mahindra Foundation(SkillIndia)
- Prompt Engineering for ChatGPT - Great Learning
- Accenture - Forage - Data Analytics and Visualization Job Simulation
- Digital Trends: AI, Metaverse, Persuasive Tech & Blockchain - Coursera

Tech skills:

- Python (Intermediate), SQL (basics)
- R(basics), C++(basics)
- TensorFlow, matplotlib, Seaborn
- Data Science, Machine Learning

Areas of Interest:

- Data analytics
- Machine learning
- Artificial intelligence

Tools:

- MS Excel
- Google Colab
- VS code(Basics)
- RapidMiner
- MATLAB (Basics)
- Kicad, Fusion 360

Soft skills:

- Problem Solving
- Teamwork and collaboration
- Effective Communication
- Time management,
- Public speaking

Participations:

- Participated in Wise-AI-Thon (Conducted by Wise Work)
- Participation in SIH Internal Hackathon and other hackathons.
- Participated in TANCAM Hackathon by Dassault Systems

Achievements:

- Mahatma Gandhi Merit Scholarship Awardee for two consecutive years (2022-2023 and 2023-2024).

Declaration

I, Akshaya M, hereby declare that the above-mentioned particulars are true to the best of my knowledge.

PLACE: Coimbatore

Akshaya M