

AKSHITA RAGHAVAN

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Location: Chennai, India

PROFESSIONAL SUMMARY

Highly motivated and research-driven Computer Science undergraduate specializing in Artificial Intelligence and Machine Learning. Strong foundation in machine learning, UI/UX design, and collaborative development. Proven research experience through internships and immersion programs. Passionate about healthcare applications, cyber-physical systems, and innovation.

EDUCATION

B.Tech in Computer Science – Specialization in AI & ML

Vellore Institute of Technology, Chennai

2024 – 2028

- CGPA: 7.96

- Research in AI for Healthcare and Cyber Physical Systems

- Attended Immersion Program at Nanyang Technological University (NTU), Singapore

- Merit Grade, received Recommendation Letter for outstanding performance

WORK EXPERIENCE

Research Intern

Nanyang Technological University (NTU), Singapore

Dec 2024 – Jan 2025

- Selected for NTU Immersion Program based on academic excellence

- Worked on interdisciplinary research in AI applications

- Awarded Merit Grade and a Recommendation Letter for exemplary performance

Summer Research Intern

Vellore Institute of Technology, Chennai

May 2025 – Aug 2025

- Contributed to ongoing research in AI for healthcare and cyber-physical systems

- Applied theoretical concepts to real-world problems under faculty supervision

- Collaborated in team-based projects focused on innovation and impact

CERTIFICATIONS

- Machine Learning: Stanford University – Coursera
Completed core topics including supervised learning, neural networks, and model evaluation
- SUSMI 2025: Summer School on Medical Imaging
IIIT Kanchipuram
Participated in expert-led workshops and lectures in the medical imaging domain

TECHNICAL SKILLS

- Languages: Python, C, C++
- Machine Learning: Model training, evaluation, supervised learning
- Tools: Figma, Canva
- UI/UX Design: Wireframing, user-centered design principles
- Soft Skills: Time Management, Leadership, Team Collaboration

PROJECTS & RESEARCH

- Research Papers (In Progress)
 - AI in Healthcare
 - Cyber Physical Systems
- NTU Immersion Program Project
 - Worked on real-world interdisciplinary problem-solving using AI

EXTRACURRICULAR ACTIVITIES

- UI/UX Designer
 - Microsoft Innovations Club – VIT
 - Newton's Coding Club – VIT
 - Designed user-centric applications and improved visual storytelling

ACHIEVEMENTS

- Merit Grade and Recommendation Letter from NTU, Singapore
- Selected for VIT Summer Internship 2025
- Completed Stanford ML Course
- Attended SUSMI 2025 at IIIT Kanchipuram and many workshops in college