HARIKRISHNAN J

Roll No.: TVE23CS068
B.Tech in Computer Science and Engineering
Minors in Mathematics | Honours in Machine Learning
College of Engineering, Trivandrum

📞 +91-9072110659
✉ tve23cs068@cet.ac.in
⌂ DeathBlade-01
in LinkedIn Profile
Current CGPA: 9.6

PROFILE

Third-year B.Tech CSE student at CET with a CGPA of 9.6, pursuing Minors in Mathematics and Honours in Machine Learning. Strongly interested in Artificial Intelligence , Machine Learning, Real-Time Systems, and Computer Networks. Experienced in research on real time scheduling and provided technical assistance in preparing an academic resource book for juniors by providing LaTeX support and proofreading. Proficient in Python, C, and C++, with strong analytical and critical thinking skills and a dedicated, task-oriented work ethic.

EDUCATION

•**College of Engineering, Trivandrum**   *2023 - Present*
  B.Tech in Computer Science and Engineering   CGPA: 9.6

•**St. Joseph's Higher Secondary School, Trivandrum**   *2021 - 2023*
  Higher Secondary Education (+2)   Percentage: 99.17%

EXPERIENCE

•**NexDS, The Data Science Club, College of Engineering Trivandrum**   *2023 - Present*
Founding Member, General Secretary, Technical Lead and Mentor   Trivandrum
  – One of the three founding members of NexDS, the Data Science Club at CET, involved in shaping the club's structure, goals and student engagement pathways
  – Led technical discussions, introductory workshops and internal training sessions on Python, data preprocessing and basic machine learning
  – Worked closely with the core team to plan events, coordinate activities and support students working on independent and group projects

•**College of Engineering Trivandrum**   *2024 - 2025*
Research Intern - Implementation and Design of Algorithms (IDEA)   Trivandrum
  – Implemented algorithms for Real-Time Security-Aware Scheduling in Distributed Systems.
  – Designed genetic and Q learning based approaches that gave better results than traditional heuristic methods

•**IET Club, College of Engineering Trivandrum**   *2024 - 2025*
Workshop Instructor - Building AI Agents with Flowise   Trivandrum
  – Designed and conducted a hands-on workshop on building chatbots and AI agents using Flowise, aimed at introducing students to no-code/low-code AI workflows
  – Explained core concepts behind chatbot architecture, prompt engineering, and integration with large language models
  – Guided participants through real-time project builds, promoting practical understanding of AI agent development and deployment

•**College of Engineering, Trivandrum**   *2023 - 2024*
Technical Contributor - Academic Publication Support   Trivandrum
  – Provided LaTeX formatting and technical proofreading support for an academic resource book (Algorithmic Thinking with Python) prepared for junior students under faculty guidance
  – Ensured consistency, clarity, and accuracy of content layout, syntax, and structure across chapters
  – Collaborated with professors and editors to resolve formatting issues and maintain publication quality standards

TECHNICAL SKILLS AND INTERESTS

Languages: C, C++, Python, English (Fluent), Malayalam (Fluent), Hindi (Intermediate), Tamil (Intermediate)
Tools & Technologies: LaTeX, Flowise, Git/GitHub
Technical Skills: Artificial Intelligence, Machine Learning, Real-time Safety-Critical Systems, Computer Networks, Algorithm Design
Soft Skills: Teamwork, Leadership, Effective Communication, Critical Thinking, Time Management, Analytical and Cognitive Skills
Areas of Interest: AI/ML, Real-time Systems, Computer Networks, Algorithm Design and Analysis, Safety-Critical Systems