Krishnamoorthi G
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About me:
I am a highly motivated undergraduate student pursuing Computer Science and Engineering with a specialization in Artificial Intelligence and Machine Learning. Fascinated by the intricate complexities of AI, ML, Data Science, and Deep Learning, I am dedicated to deepening my understanding in these areas. My goal is to leverage my technical skills to tackle practical, real-world challenges and contribute meaningfully through the development of impactful AI/ML solutions.

Education:

- **BE - Artificial Intelligence and Machine Learning** | **Expected Graduation:** 2026 | **CGPA:** 8.11

  K.S. Rangasamy College of Technology, Tiruchengode, Tamil Nadu, India

- **Class XII (HSC) | State Board | Year Completed:** 2022 **| Percentage:** 77.5 %

  Government Higher Secondary School, Alagappampalayam Pudur, Salem

- **Class X (SSLC) | State Board | Year Completed:** 2020 **| Percentage:** 81.8 %

  Government Higher Secondary School, Alagappampalayam Pudur, Salem

Skills:

- **Programming Languages:** Python, Java, C
- **Data Science & Machine Learning:**
  - **Libraries & Frameworks:** TensorFlow, Keras, Scikit-learn, Pandas, Numpy
  - **Platforms:** Microsoft Fabric
- **Data Visualization & BI:** Matplotlib, Seaborn, Tableau, Power BI
- **Cloud & DevOps:**
  - **Platforms:** Microsoft Azure, AWS, GCP
  - **Tools:** Git, GitHub, Docker, VS Code
- **Robotic Process Automation (RPA):** UiPath Studio

Languages: Tamil (Native), English (Fluent)

Internships:

- **Generative AI Virtual Internship** | EduSkills (AICTE & Google Cloud) | April - June 2025
  - Successfully completed a 10-week virtual internship focusing on Generative AI.

Projects:

- **AgriCast:** Predicting Agricultural Commodity Prices for a Sustainable Future
  - Developed AgriCast, an AI solution leveraging LSTM networks in Python to forecast agricultural commodity prices, promoting informed decision-making for sustainable agriculture (SDG 12).
  - Improved price prediction accuracy compared to traditional methods, empowering farmers, traders, and consumers with enhanced market insights and contributing to potential income increase and food security.
  - **Tech Stack:** Python, TensorFlow/Keras (for LSTM), Pandas, Matplotlib, flask,Git/Github
  - **GitHub Repository:** github.com/gkrishna247/AgriCast

Certifications:

- Microsoft Certified: Fabric Data Engineer Associate - Microsoft - June 2025
- Practical Machine Learning Certification - GUVI (Google for Education Partner) - October 2024
- Elite Certification in Demystifying Networking - NPTEL (IIT Madras) - 2024
- Elite Certification in Python for Data Science - NPTEL (IIT Madras) - 2023
- Certification in Problem Solving Through Programming in C - NPTEL (IIT Madras) - 2023

Achievements:

- NAVONMESH 2.0 National Hackathon Participant - Selected as one of the top 30 teams nationally from a wide pool of applicants.

Hobbies & Interests:

- Listening Music, Audio Books and Reading Blogs.