VIGNAYA S S

Student – B.Tech Artificial Intelligence and Data Science

Karpagam College of Engineering

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CAREER OBJECTIVE

Driven by curiosity and innovation, I aim to harness the power of AI and data to uncover insights, build intelligent systems, and shape smarter, more efficient solutions that benefit industries and society alike. To obtain a challenging position in the field of Artificial Intelligence and Data Science where I can apply my analytical, programming, and problem-solving skills to contribute to data-driven solutions and continuous learning in emerging technologies.

EDUCATION

B.Tech Artificial Intelligence and Data Science

Karpagam College of Engineering	7.9 CGPA	2027*

HSC

Ashram Matriculation Higher Secondary School	75%	2023

CERTIFICATIONS

- Qlik Sense Business Analyst Qualification Certificate — Nov-2024
- NPTEL - Enhancing Soft Skills and Personality Certificate — Apr-2024
- NPTEL - Introduction to Internet of Things Certificate — Apr-2025
- Certification of Data Analysis with Python on Infosys Springboard — June-2025
- Data Science and AIML Internship from YBI Foundation — Oct-2024
- Operationalize Generative AI Applications (FMops/LLMops) on AWS — Apr-2025

PROJECTS

- **Crime Rate Prediction**
  Engineered a data-driven solution to forecast regional crime trends using historical crime datasets, demographic insights, and location-based features.
- **Library Management System – Chatbot**
  Developed an intelligent chatbot for automating library services such as book search, availability checks, user registration, and due date reminders.
- **Coffee Shop Webpage**
  Designed and developed a visually engaging, responsive website for a fictional coffee shop to showcase menu, ambience, and contact details.

SKILLS

- **Programming Languages:** HTML, C++, Python, Java
- **Tools:** Eclipse, Docker, Git, Jupyter Notebook, VS Code
- **Soft Skill:** Communication & Collaboration, Problem Solving, Logical Thinking

TECHNICAL PARTICIPATIONS

- Participated in inter-college Hackathon — Feb-2025
- Attended hands on Workshop in Computer Vision — Sep-2024
- Participated in Generative AI Workshop — Feb-2024
- Contributed to academic knowledge by presenting a paper on Branding in Marketing [Inter-college] — Aug-2024

LANGUAGES

- English
- Tamil
- Telugu [only speaking]