LOGESHWARAN S

AI & Data Science Engineer

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Objective

Aspiring AI and Data Science enthusiast skilled in full-stack development and machine learning, aiming to create impactful, scalable solutions and contribute AI driven solutions to innovative product development.

Education

B.Tech - Artificial Intelligence & Data Science   2022 – Present

Kongunadu College of Engineering & Technology, Trichy.   **CGPA: 9.81**

Core Subjects: Machine Learning, Deep Learning, Data Structures, Neural Networks, Python.

Higher Secondary & Secondary Education   2019 – 2022

Kurinji Educational Institutions, Namakkal.   **91.2%**

Technical Skills

- **AI/ML:** Machine Learning, Deep Learning, NLP, Computer Vision, Generative AI
- **Programming:** Python, Java
- **Frameworks and tools:** TensorFlow, OpenCV, MySQL.

Professional Experience

Data Science Intern   *Postulate (AICTE Approved Internship)*   January 2025 – February 2025
- Applied ML algorithms for pattern extraction in complex datasets.
- Developed automated data preprocessing pipeline which improves efficiency by 25%
- Built predictive models using ensemble methods achieving about 90% accuracy.

Web Development Intern   *Infoem Solutions*   July 2024
- Developed responsive web applications with backend integration.
- Implemented form validation and authentication reducing errors by 40%.

Key Projects

School Management System   Sep 2024 – Nov 2024
- Designed comprehensive OOP-based system with student, staff and class management modules.
- Built intuitive GUI and command-line interfaces for seamless data navigation.
- Applied design patterns for maintainable, scalable architecture.

GenAI-Based Smart Education Platform   Jul 2024 – Oct 2024
- Developed personalized learning platform using Gemini AI.
- Empowered a dynamic, multimodal virtual mock interview assistant for real-time interview preparation.

Achievements

- Won 1st Prize at KEC Hackathon for AI Study Buddy (2024)
- Achieved 3rd Prize for Research Paper on DNA Data Storage at Bannari Amman Institute of Technology.
- Speaker at G20 Global Connect Seminar on AI's Emerging Role at Anna University.

Certifications & Leadership

- **Certifications:** Data Science, Machine Learning, Generative AI, Python Programming.
- **Leadership:** NSS National Certification (150+ hours), Department Representative.
- **Communication:** Master of Ceremonies (Multiple events), Public Speaking Excellence(Moonlight Talkshop).