SARATHKUMAR S

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PROFESSIONAL SUMMARY

Mechanical Engineering undergraduate with a passion for data-driven problem-solving, aspiring to transition into Data Analysis, Machine Learning, and Bach End. Equipped with foundational knowledge in Python, SQL, and data visualization tools, complemented by academic projects and online certifications. Adept at translating real-world problems into technical solutions using analytical thinking, logical reasoning, and continuous learning. Looking to contribute meaningfully to tech-focused roles by leveraging an engineering mindset and growing skills in data science.

EDUCATION

Rajalakshmi Institute of Technology, Chennai — June 2022 – May 2026
Bachelor of Engineering – Mechanical Engineering — CGPA: 9.05

SKILLS

Languages: Python, SQL, C

Libraries: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn

Tools: Jupyter Notebook, Google Colab, Git, Excel

Soft Skills: Critical Thinking, Communication, Team Collaboration, Problem-Solving

PROJECTS

Organic Refrigeration System: Developed an eco-friendly cooling system using clay pots to without electricity.

IoT-Based Underground Pipeline Leak Detection: IoT solution for real-time detection of underground pipeline leaks.

Responsive Movie Booking Website: Built a mobile-friendly web interface for seamless movie ticket and seat booking.

INTERNSHIPS / EXPERIENCE

Web Development Intern – Prodigy Infotech-Hybrid (June 2024 - August 2024)
Built and maintained responsive web pages using HTML, CSS, and JavaScript. Collaborated with the design team to enhance UI/UX and improve site performance.

Mechanical Engineering Intern – Rane Madras Limited (March 2025 – Present)
Analysed and optimized mechanical components for automotive aftermarket products. Supported process improvements through data analysis and cross-team collaboration.

CERTIFICATIONS

Machine Learning with Python – Coursera, 2025

Exploratory Data Analysis – Coursera, 2025

Energy Literacy Training – Energy Swaraj Foundation, 2024

Introduction to IoT – Simplilearn,2025

Introduction to Cloud Computing – IBM Cognitive Classes, 2025

Data Analysis Concepts – Springboard, 2025