

KIRAN KUMAR

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Objective

Motivated and detail-oriented B.E. Computer Science Engineering graduate seeking an opportunity to begin my career in a growth-oriented organization. Eager to apply my technical and problem-solving skills, contribute to team success, and available for immediate joining.

Skills

Programming Languages: Python, Java

Web Technologies: HTML, CSS, JavaScript

Database Management: MySQL

Soft Skills: Communication, Problem-Solving, Teamwork, Adaptability, Time Management

Experience

Data Science Intern

June 2024 – July 2024

DLK Technologies PVT Ltd

Chennai, India

- Gained exposure to data science workflows, including data cleaning, visualization, and model understanding.
- Assisted in Python-based data handling and exploring libraries such as Pandas, NumPy, and Matplotlib.
- Understood the process of extracting insights from structured datasets used in business contexts.

Data Analyst Intern

May 2023 – June 2023

RETECH Solutions Private Limited

Chennai, India

- Assisted in data collection, cleaning, and visualization tasks using Excel and SQL.
- Learned to generate basic reports and dashboards for internal data analysis.
- Gained hands-on experience with data interpretation and performance metrics tracking.

Projects

Automatic LPG Gas Leakage Detection and Prevention System

March 2025 – April 2025

- Co-authored and published a research paper focused on developing a sensor-based system for detecting and preventing LPG gas leaks.
- Implemented using MQ-2 Gas Sensor, Servo Motor, LPG Regulator, Buzzer, Arduino Microcontroller, Power Bank, and Gas Lighter for testing and control automation.
- Contributed to circuit design, sensor integration, and system testing as part of the development and publication process.
- **Tools Used:** Arduino IDE, Embedded C Programming

Personal Portfolio Website | [Live]

September 2025 – October 2025

- Developed a responsive personal portfolio website to showcase academic projects, skills, and certifications.
- Designed an interactive and user-friendly UI using HTML, CSS, and JavaScript.
- Deployed the website using Netlify with custom domain integration for continuous availability.
- **Tools Used:** HTML, CSS, JavaScript, Netlify

Certifications

- **Research Paper Publication** – IEEE ICTMIM (2025)
DOI: [10.1109/ICTIMM65479.2025.40988204](https://doi.org/10.1109/ICTIMM65479.2025.40988204)
- **HTML, CSS, JavaScript** – PrepInsta (2024)
- **Full Stack Web Development MERN Stack** – PrepInsta (2024)

Education

B.E. Computer Science and Engineering

St. Joseph's Institute of Technology, Chennai, India

Graduated: 2025

CGPA: 6.67 / 10