KARTIKEYA BHARDWAJ

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Date of Birth: November 02, 2004, Place: New Delhi

PROFILE

- Computer savvy personnel and dedicated individual with a strong foundation in computer science.
- Focused and hardworking, self-motivated and team oriented; willing to go the extra mile, effective team player with excellent communication and inter-personal skills.

CORE COMPETENCIES

- **Languages:** Java, Python, JavaScript
- **Web Technologies:** HTML
- **Databases:** MySQL, SQL
- **Concepts:** Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP)
- **Tools & Platforms:** JDBC, Raspberry Pi

INTERNSHIPS

GRM Intern – IBM Research India
June 24 – August 15, 2024
- Analysed prompts and training datasets to evaluate code translation accuracy.
- Worked under Dr. Yogish Sabharwal, Manager at IBM Research India, on AI-driven development techniques.

Intern – NSIC Technical Service Centre
July 18 – August 17, 2023
- Completed industrial training on electric vehicles and charging stations.
- Hands-on exposure to embedded components and energy systems.

Intern – Samsung Innovation Campus
January 23 – March 31, 2023
- Built an IoT-based system using Raspberry Pi.
- Developed a temperature and humidity monitoring project using sensors and Python.

CERTFICATION

- DATABASE PROGRAMMING WITH SQL FROM ORACLE ACADEMY IN 2024

PROJECTS UNDERTAKEN

- WEATHER FORECAST APP (PYTHON, 2024): INTEGRATED WEATHER APIS TO BUILD A REAL-TIME FORECAST DASHBOARD.
- TEMPERATURE & HUMIDITY MONITOR (RASPBERRY PI, 2023): DEVELOPED AN IOT-BASED SENSOR MONITORING APPLICATION.
- JAVA TASK MANAGEMENT SYSTEM (2023): BUILT USING JAVA AND JDBC WITH FULL CRUD OPERATIONS.
- SOLAR CHARGER ON PCB (2022): DESIGNED A FUNCTIONAL SOLAR CHARGER USING PCB AND SOLAR PANEL INTEGRATION.
- RAINWATER ALARM (2021): BUILT USING A 555 TIMER IC TO TRIGGER ALERTS BASED ON MOISTURE DETECTION.

HOBBIES

- Reading books
- Football, swimming, running
- Sketching, Gaming

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