# KARTHIKEYAN S

DATA SCIENCE | ARTIFICIAL INTELLIGENCE

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## CAREER SUMMARY

Aspiring Data Science and Artificial Intelligence professional with a solid foundation in Python, computer vision, and web development. Passionate about leveraging data analytics and machine learning to solve real-world problems. Eager to contribute to impactful and innovative projects while gaining hands-on experience, enhancing problem-solving skills, and supporting the advancement of technology.

## EDUCATION AND CERTIFICATION

**B.Tech - Data Science and Artificial Intelligence** - **CGPA - 8.3**

Dr.M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE                          **2021 - 2025**

**HSC - PERCENTAGE - 88.5 |** KSR MATRIC PUBLIC SCHOOL                          **2021**

**SSLC - PERCENTAGE - 83.4 |** ST.PAUL'S MATRICULATION SCHOOL                          **2019**

## TECHNICAL SKILLS

**Languages:** Python, SQL, HTML, CSS
**Tools:** Power BI, Excel, AWS
**Libraries/Frameworks:** OpenCV, MediaPipe, Pygame, NumPy, Pandas

## INTERNSHIP

**DATA SCIENCE INTERN - DIGISAMAKSH - SEMS WELFARE FOUNDATION**          **DEC 2024 – APR 2025**

Learned *Advanced Excel, AWS, Power BI and SQL* during my Data Science internship to enhance analytical skills.

**AI INTERN | BAROLA TECHNOLOGIES**                          **JUN 2024 – JUL 2024**

Learned and implemented basic *computer vision models*. During my internship, I worked on projects involving image classification, object detection, and image segmentation.

## PROJECTS

**FLOOD RELIEF CONNECT**                          **MAY 2024**

- Developed a website to assist during flood disasters. It is an easy-to-use platform for users to connect with relief organizations, access updates, and contribute to relief efforts.
- *Tech stack - HTML & CSS.*

**GESTURE BASED INTERACTIVE GAMING**                          **FEB 2025**

- Focuses on enhancing user interaction in gaming environments by recognizing gestures in real-time, designed for low-latency, high-accuracy responses.
- *Tech stack - Python, Pygame, OpenCV,* and **MediaPipe**.

## COURSES AND CERTIFICATIONS

- CERTIFIED **PYTHON** FUNDAMENTALS by IBM.
- **MACHINE LEARNING** AND **ARTIFICIAL INTELLIGENCE** CERTIFIED by IBM.

## EXTRA CURRICULAR ACTIVITIES

- Volunteered for a National level Symposium (Techastra'24) organized by CSE dept - 2024.
- Member, Scouts Troop at St.Paul's Matriculation School - 2018.
- School people leader at St.Paul's Matriculation School - (2017 -2019).