

KARTHICK RAJA K

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SUMMARY

Aspiring AI Engineer and Data Scientist with a strong foundation in Machine Learning, Data Analysis, and Full-Stack Development. Proven ability to architect scalable AI solutions and deploy web applications through rigorous hackathons and academic projects. Skilled in model deployment, seeking to leverage technical expertise to solve complex business problems.

WORK EXPERIENCE

Web Developer Intern

June 2024 - August 2024

Arjun Vision Tech Solutions, Guindy

- Engineered a dynamic Expense Tracker application featuring real-time budget management and automated categorization via secure database integration.
- Developed responsive, user-centric interfaces using modern web frameworks while collaborating with the development team to optimize performance through rigorous debugging.

PROJECTS

Athlentiq

AI-powered mobile application utilizing Computer Vision algorithms to track real-time player statistics and centralize grassroots sports development through a community-driven digital platform.

<https://github.com/Karthickraja23006120/Athlentiq>

SPORTS

Full-stack sports ecosystem integrating real-time tournament orchestration and a secure booking engine with a professional networking hub for verified athlete recruitment.

<https://github.com/Karthickraja23006120/SPORTS—Smart-Platform-for-Opportunities-Recreation-Tournaments-Skills>

Digital Ledger for Police Post Logs

Architected a Streamlit-based analytical dashboard featuring automated SQL workflows to visualize real-time violation patterns, arrest records, and drug-related stops for law enforcement monitoring.

<https://github.com/Karthickraja23006120/-Python-SQL-Digital-Ledger-for-Police-Post>

EDUCATION

2023 - 2027 Bachelor of Technology in Artificial Intelligence and Machine Learning
Saveetha Engineering College

SKILLS

Language — Python, C, SQL, Java, Rust

UI/UX Design — Figma, Canva, Framer

Data Analytics and ML Engineer — MediaPipe, OpenCV, Power BI, TensorFlow, PyTorch.

Web Development — React.js, Next.js, Node.js, HTML5, CSS3, Tailwind CSS, Firebase