

Kaviyarasu P

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Career Objective

To secure a challenging and growth-oriented position in the technology sector, where I can apply my skills in programming, data analysis, and problem-solving to deliver innovative solutions, contribute to organizational success, and continuously enhance my technical and professional capabilities in a dynamic, innovation-driven environment.

Educational Qualifications

- K. S. Rangasamy College of Technology, Tiruchengode**

B.Tech in Artificial Intelligence and Data Science

2023 – 2027

CGPA: 8.7 (up to 5th Semester)

- Sankar Ponnar Higher Secondary School, Palani**

2022 - 2023

Percentage: 89%

Internship Experience

- Inaiyam Innovations.

Tech Associate

July 2025- October 2025

- Integrated satellite-based crop indices into digital workflows, supported automated report generation and dashboards, validated data accuracy, maintained technical documentation, and collaborated with field and data teams to deliver reliable crop intelligence and improve data processing systems.

Projects

- IPL Analysis Dashboard (2008–2024):** Built an interactive Power BI dashboard analyzing IPL data (2008–2024), with visuals showing player performance, team wins, venue outcomes, and toss impact. Used data modeling and DAX to enable advanced filtering and time-series storytelling.
- EDITH Voice Assistant:** Developed a Python-based personal AI assistant with speech recognition, text-to-speech, and FastAPI backend, enabling real-time voice and text commands for system status, weather updates, automated responses, dashboard interaction, and application control through a modern React-based holographic interface
- Report Automation Tool:** Built a Python-based system to automatically generate multi-page agricultural reports from Excel data using vegetation indices and embedded images, producing responsive HTML and PDF reports for precision farming analysis.
- DAKSHAA T26 :** Developed a full-stack web application for a national-level technical symposium using React, Express.js, and REST APIs, with Supabase for secure authentication and database management, Paytm payment integration, VPS deployment, Cloudflare security, and API integration with the official college website.

Certifications

- AWS Cloud Practitioner Essentials – AWS Skill Builder
- “Joy of Computing using Python” – NPTEL (Elite Certificate)
- “Python for Data Analytics” -NPTEL (Elite Certificate)
- “An Introduction to Cloud”- Infosys Springboard

Skill Set

- Programming: Java, Python
- Version Control: Git, GitHub
- Data Handling: Microsoft Excel, MYSQL, PostgreSQL
- Data Visualization: Power BI, Pandas
- Soft Skills: Problem-solving, Team Collaboration, Self-Learning Ability