Jaya Dittakavi

AIML Engineer | Data Scientist

+91 9676234449 · linkedin.com/in/jaya-dittakavi-3991a2226 · github.com/jayadittakavi

SUMMARY

Hi, I'm Jaya Dittakavi, an aspiring AI/ML Engineer and Data Science enthusiast passionate about building intelligent, data-driven applications and solving real-world problems through technology. I have a strong foundation in Python, SQL, Data Structures and Algorithms, Object-Oriented Programming, and Statistics, along with hands-on project experience in Machine Learning, Deep Learning, Computer Vision, and Natural Language Processing. I'm also exploring Generative AI, Large Language Models (LLMs), Retrieval-Augmented Generation (RAG), and Agentic AI to develop smarter AI-powered solutions. Beyond AI, I have experience with React.js, FastAPI, databases, and modern software development tools. I enjoy transforming ideas into practical solutions, continuously learning emerging technologies, and building applications that combine intelligence, usability, and innovation. My Goal: To grow as an AI/ML Engineer and contribute to developing scalable, impactful, and intelligent technology solutions.

SKILLS

Python | SQL · DBMS | Mango DB · Data Visualizations | Data Analysis · Machine Learning | Model Evaluation · DL | TensorFlow · Computer Vision | OpenCV · NLP | NLTK · LLMs | LLM Evaluation · RAG | VectorDatabase · FastAPI | Flask | REST APIs · MLOps | DevOps · Git | GitHub · Automation | Playwright | Typescript · Agentic AI | LangChain · Generative AI | LangGraph · Maths | Statistics · HTML5 CSS3 | React.js · Problem Solving | DSA · OOPS | OS · Excel |Power BI · Torchvision | Image Processing · MLflow | Docker · CI/CD | Kubernetes · Jupyter Notebook | VS Code · NumPy | Pandas · Matplotlib | Seaborn · JavaScript | Bootstrap

EXPERIENCE

Frontend Developer | Python Developer

Dec 2025 – Sep 2026

Future Invo Solutions · Remote

- Developed responsive HRMS web application modules using React.js Including Dashboard, Employees, Attendance, Leave Management, Payroll, Roles & Permissions, and System Settings with role-based access and API integration.

Data Scientist Intern

May 2025 – July 2025

APSSDC · Remote

- Conducted Student Exam Performance Analysis using Python.

Data Analytics Intern

Feb 2024 – July 2024

FCS Infotech · Hybrid

- Worked on a Customer Churn Analysis live project.
- Built interactive dashboards using Power BI and performed Excel-based analysis.
- Interpreted customer patterns and delivered insights to mentors.

PROJECTS

Student Exam Performance Analysis

github.com/Student-Exam-performance-Analysis

- Analyzed a 1000-student dataset containing multiple academic and personal attributes, using Python, Excel, and visualization libraries to derive performance insights.
- Implemented various graphs and comparison charts to highlight score patterns, with tools including Python, Excel, and VS Code.

Python · Excel · VS Code

Match Mind AI – AI Resume & Job Match Analyzer

github.com/AI-Resume-and-Job-Match-Analyzer

- Developed an AI-powered resume and job matching application using Python, NLP, TF-IDF, and Cosine Similarity.
- Built a Streamlit dashboard to analyze resume-job compatibility, identify skill gaps, calculate match scores, and provide resume improvement recommendations.

Python · NLP · TF-IDF · Cosine Similarity · Streamlit

HRMS – Human Resource Management System

github.com/HRMS---Future-Invo-IT-Solutions-.git

- Developed a role-based HRMS for Employee, Attendance, Leave & Payroll management.

- Implemented role-based access control for Admin, HR, Manager & Employee.
- Built a responsive and user-friendly dashboard using React.js.

React.js · Vite

EDUCATION

Master Of Computer Applications in Specialization in AIML 2024 – 2026
KL University, Vijayawada

Bachelor Of Computer Applications in Specialization in AIML 2021 – 2024
KBN College, Vijayawada

CERTIFICATES

Certified Essentials Automation Professional
Automation Anywhere · Apr 2026

Oracle Certification on AI Foundation Associate
Oracle · 29 Oct 2025

Oracle Certification on Generative AI Professional
Oracle · 29 Oct 2025

Google Foundations of User Experience (UX) Design
Google · Jul 2025

Deloitte Certificate of Completion
Deloitte · May 2025