

KUDALI KARTHIK SRIRAM

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Professional Summary

Final-year CS (AI & Intelligent Process Automation) student with hands-on projects in NLP, Computer Vision, and full-stack. Pragmatic, test-first builder who ships clean APIs and deployable prototypes. Seeking high-impact roles in product engineering / applied AI.

Education

KL University (KLU)

Vijayawada, India

B.Tech in Computer Science — AI & Intelligent Process Automation (CGPA: 8.61) Jul 2021 – Jun 2026 (Expected)

Relevant Coursework

Data Structures & Algorithms | DBMS | Operating Systems | Computer Networks | Machine Learning | NLP | Computer Vision | Software Engineering

Skills

Programming: Python, Java, JavaScript/TypeScript, C, SQL

ML/AI: scikit-learn, Transformers; basics: TensorFlow/PyTorch; NLP (spaCy/NLTK); CV (OpenCV)

Data: Pandas, NumPy, Feature Engineering, Model Tuning, Evaluation, Visualization

Backend: Flask/FastAPI, Spring Boot (basics), REST APIs, Auth, Caching

Frontend: React, HTML5, CSS3, Tailwind, Responsive UI

Dev/Deploy: Git/GitHub, Jupyter, Docker (basics), Streamlit/Render/Vercel

Testing: pytest, Jest (unit tests); CI-ready repo structures

Selected Projects

HireSense Pro — AI Resume Analyzer & Role Recommender | Python, Flask, scikit-learn

- ATS-style parsing with NLP features; rule+ML scoring with explainable breakdown and exportable PDF/CSV reports.
- Role recommendations mapped to skills and keywords; modular pipeline enabling quick model swaps.
- Deployed as a lightweight web app; clear API endpoints for parsing, scoring, and recommendations.

Conversational German Tutor | Streamlit, spaCy/NLTK, SQLite (SRS)

- Spaced-repetition vocabulary with voice I/O; progress analytics dashboard and review cadence controls.
- Local persistence (SQLite) for offline use; clean separation of UI, NLP utilities, and data access.

Library Management System (Full Stack) | Java, Spring Boot, MySQL, React

- RBAC and CRUD APIs with indexed queries; clean REST endpoints, DTOs, and environment-based configs.
- Client: React with protected routes, form validation, and responsive layout for admin/user views.

Competitions & Workshops

- **Walmart Sparkathon (2025)** — Participant (Reimagining Customer Experience with Emerging Technologies).
- **Web Development Workshop** — IIT Hyderabad (Remark Skill Education), Feb 2025.
- **NSTAMAZE — CIS-SOIREE 2024** — R.V.R. & J.C. College of Engineering, Dec 2024.

Certifications

- Red Hat Certified Enterprise Application Developer — Sep 2024.
- Salesforce Certified AI Associate — Oct 2024.
- Oracle Cloud Infrastructure Generative AI Certified Professional — Jun 2024.

Additional

Availability: Immediate (IST)

Freelance: Built portfolios & full-stack projects (React/Next.js + APIs); assisted on ML/DL (training, evaluation, deployment)

Languages: English (Fluent); German (A1–A2)