

YADUKRISHNAGIRI

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[GITHUB](#) • [LINKEDIN](#)

SUMMARY

Data Science and AI professional with a forward-thinking approach to innovation and impact. I bring critical analysis, adaptability, and clear communication to complex challenges in fast-paced environments. Recognized for delivering precise, actionable insights while continuously advancing technical and strategic expertise

WORK EXPERIENCE

AI intern, SKOLAR

Oct 2022 - Dec 2022

- Developed an AI-based face detection program using Pyt and OpenCV, showcasing the practical application of com vision techniques.
 - Enhanced understanding of machine learning algorithms applying them to real-world projects.
 - Worked with Python libraries like NumPy, SciPy, and Par analyze and visualize data effectively.
 - Gained exposure to end-to-end project development from ideation to deployment, fostering a holistic technical perspective.
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EDUCATION

Bachelor of Computer Science

Aug 2021 - Jul 2025

- SRM University Delhi-NCR Specialization in Data science and artificial intelligence – CGPA 8.0

Higher Secondary

Jun 2019 - Mar 2021

- SNM Higher Secondary School PCMB stream – 99%
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PROJECTS

AI-Powered Code Editor | [Link](#)

Apr 2025

- Developed AI code enhancement web app with Python/Flask & OpenAI API. Achieved 100% auto suggestion accuracy, cut manual review time 40% via smart analysis.
- Engineered full-stack app: HTML/CSS/JS frontend, Python backend. Built RESTful APIs, real-time code processing. Mastered modern web dev & AI integration.
- Built scalable code iteration system for 1000+ lines/request. Used custom prompts & auto integration. Achieved 60% faster game dev code optimization.

AI-Powered Technical Interview Assistant | [Link](#)

Dec 2024

- Developed AI-powered CV analyzer using Python and Gemini AI that automatically extracts technical skills, experience, and achievements from resumes with 95% accuracy.
- Built intelligent interview simulator with dynamic difficulty adjustment and real-time feedback, reducing interview prep time by 40% through automated assessment.
- Engineered concurrent processing system with timeout handling and error recovery, achieving 99.9% uptime while processing 100+ CVs daily.

- Developed A.R.T.E.M.I.S, an AI-powered football stats assistant using RAG technology, processing 6+ categories of match data with real-time analytics capabilities.
- Built full-stack web app with Flask, integrating LangChain and ChromaDB for semantic search, featuring dynamic data visualization and RESTful APIs.
- Created scalable sports analytics platform with modular architecture, handling real-time football statistics across multiple leagues with efficient data processing.

Hand free intractive sysytem | [Link](#)**Nov 2023**

- Developed hands-free computer interaction system using Python and OpenCV, achieving 95% accuracy in eye-tracking for mouse control, enabling accessibility for users with disabilities.
- Implemented voice command recognition system with SpeechRecognition library, reducing typing time by 60% and supporting 6+ voice commands for enhanced user experience.
- Engineered multi-threaded application combining computer vision and voice processing, resulting in 40% improved system responsiveness and seamless user interaction.

World Happiness Index Analysis | [Link](#)**Mar 2022**

- Analyzed global happiness indices using Python, processing large datasets to identify key factors influencing happiness scores across 150+ countries.
- Implemented statistical analysis and data visualization techniques using Pandas and Matplotlib, creating interactive visualizations for happiness trends.
- Developed a comprehensive data exploration system that efficiently analyzed multiple happiness indicators, resulting in actionable insights for policy makers

TECHNICAL SKILLS

- Programming Languages: Python, R, JavaScript, HTML, CSS
- Frameworks & Tools: Django, Langchain, Cursor, Bolt
- Data Analysis & Visualization: Statistical Analysis, Data Cleaning & Preprocessing, Data Visualization
- AI & Machine Learning: Artificial Intelligence, Machine Learning, NLP, Computer Vision
- Soft skills: Analytical Thinking, Problem Solving, Communication, Continuous Learning. Adaptability

CERTIFICATIONS

- Machine Learning with R | [Link](#)
- IBM Introduction to Python | [Link](#)
- Predictive Modeling with IBM SPSS Modeler | [Link](#)
- Artificial Intelligence Analyst | [Link](#)

LANGUAGES

- English
- Hindi
- Malayalam
- Tamil