

YASWANTH KANDIKATTU

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[My Portfolio](#)

SUMMARY

I'm an integration and automation developer with experience in building tools that help businesses save time and work smarter. I started by supporting global clients at Keyloop, where I handled technical support and built automated systems using APIs, CRMs, and other tools.

Now, I focus on creating smart workflows using tools like n8n and Python. From automating LinkedIn content to building AI-powered bots, I enjoy solving problems and making everyday tasks easier through technology.

EDUCATION

Bachelor's of Technology in Computer Science Engineering Annamacharya Institute of Technology and Sciences	2019 - 2023
Mgm Jr College, Srikalahasthi Class - XII	2017 - 2019
Narayana High School, Srikalahasthi Class - X	2017

WORK EXPERIENCE

Online Chat Support Analyst Keyloop, Hyderabad	June 2023 - Present
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- Delivered technical support for dealerships across Canada and the UK, streamlining operations through automated support systems.
- Achieved 100% sales lead conversion while consistently exceeding KPIs and maintaining exceptional customer satisfaction.
- Spearheaded the transition of operations from Canada to India, ensuring service quality remained seamless.
- Recognized with 4x Rewards & Recognition awards for outstanding performance and contributions to team success.
- Led end-to-end integration initiatives involving APIs, CRM platforms, and third-party tools, driving smooth product adoption and reducing friction for dealership partners.
- Beyond work, developed multiple automation solutions, including an AI-powered event management system via Telegram, a LinkedIn content automation engine, and a smart platform for content research and generation, along with several other innovative projects.

SKILLS

Backend Development: Django, FastAPI, Python

DevOps & Cloud Technologies: AWS, Docker, Docker Compose, Kubernetes, CI/CD, GitHub Actions, GitHub, Jenkins, Ansible

Data Analysis & Machine Learning: NumPy, Pandas, Matplotlib, Seaborn, Basic Machine Learning Concepts

Databases: MySQL, PostgreSQL, MongoDB

Automation Tools: n8n

Design & Prototyping: Figma, Webflow

ACHIEVEMENTS

- Secured First Place in a Computer Typing Challenge, recognized for outstanding typing speed and accuracy under competitive conditions.
- Secured 6024th rank among 90,678 participants in the PrepSAT Hackathon conducted by Preplnsta.

PROJECTS

AI-Driven YouTube Shorts Automation System [\[View Code\]](#)

Tech Stack: n8n, OpenAI (GPT + Function Calling), Google Sheets API, YouTube API, Telegram API, Gmail API, JavaScript.

- Built a fully automated system to generate, assemble, and publish YouTube Shorts using AI-powered workflows.
- Used OpenAI to brainstorm ideas, script content, and drive custom video generation logic.
- Automated video creation, post-processing, and publishing directly to YouTube via API.
- Logged outputs to Google Sheets and sent notifications through Telegram and Gmail for real-time monitoring.

LinkedIn Content Automation Engine using n8n [\[View Code\]](#)

Tech Stack: n8n, Google Sheets API, Groq LLM, OpenAI Agent, LinkedIn API, JavaScript (for custom functions/parsing)

- Developed an automated content engine using n8n, triggered by updates in Google Sheets for seamless scheduling.
- Leveraged Groq LLM + AI agent to generate high-quality LinkedIn content from structured inputs.
- Parsed AI output, posted directly to LinkedIn via API, and looped through multiple rows efficiently.
- Automatically updated the sheet with post status and metadata, enabling end-to-end visibility and control.

Sorting Visualizer using Python [\[View Code\]](#)

Tech Stack: Python, Tkinter, Sorting Algorithms, Canvas, GUI Design.

- Developed a Sorting Visualizer using Python and Tkinter to demonstrate real-time execution of Insertion, Selection, and Bubble Sort algorithms.
- Implemented step-by-step animations using generators to enhance algorithm visualization and user understanding.
- Designed a clean, interactive GUI with dynamic bar input and control buttons for sorting and shuffling.
- Utilized canvas manipulation to visually represent data movement during sorting for a better learning experience.

H&M Personalized Fashion Recommendations using Python [\[View Code\]](#)

Tech Stack: Python, Pandas, NumPy, LightGBM, Faiss, Scikit-learn, TensorFlow, Jupyter Notebook, Recommendation Systems

- Developed a fashion recommendation system using Python, combining LightGBM, Faiss, and filtering methods to suggest products.
- Created useful features from customer and product data using feature engineering and embeddings to improve results.
- Used Faiss for quick similarity search and LightGBM to rank products on the Kaggle H&M dataset.

Bike Sharing Demand Prediction using Machine Learning [\[View Code\]](#)

Tech Stack: Python, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, XGBoost, LightGBM, Jupyter Notebook

- Developed a data-driven forecasting model to predict hourly bike rental demand using weather and temporal features, supporting urban mobility optimization.
- Implemented and evaluated a range of regression algorithms, including Linear, Lasso, Ridge, K-Nearest Neighbors, Random Forest, Gradient Boosting, XGBoost, and LightGBM.
- Performed comprehensive exploratory data analysis, feature engineering, and hyperparameter tuning to enhance model accuracy and interpretability.
- Deployed the best-performing model as a RESTful API using FastAPI, enabling real-time predictions and integration with external applications or dashboards.