YASWANTH KANDIKATTU

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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   **2017 - 2019**
Class - XII

Narayana High School, Srikalahasthi   **2017**
Class - X

WORK EXPERIENCE

Online Chat Support Analyst   June 2023 - Present
Keyloop, Hyderabad

- Built a real-time chat application using Django and FastAPI, boosting customer–dealership engagement by 35%.
- Achieved 100% sales lead conversion by aligning technical solutions with core business goals.
- Analyzed user behavior and support data using Python (Pandas, NumPy), cutting average response time by 25%.
- Provided personalized support to 50+ dealerships across Canada and the UK, maintaining a 98% customer satisfaction rate.
- Led end-to-end system integrations (APIs, CRMs, third-party tools) to streamline product adoption and reduce onboarding friction.
- Developed intelligent automation tools, including an AI-driven event manager, a LinkedIn content engine, and a content research platform.
- Recognized with 4× Rewards & Recognition for high-impact solutions and successfully leading the transition of operations from Canada to India.

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 PrepInsta.

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.