



Janaeshwar K

Software Engineer

Innovative and detail-oriented Software Engineer with over 5+ years of hands-on experience specializing in Python development. Adept at building scalable, high-performance applications and automation solutions across diverse domains including data engineering, web development, and system integration. Strong foundation in algorithms, data structures, and software design, combined with practical expertise in tools such as Pandas, Docker, Django, Flask and Elasticsearch. Proven ability to lead initiatives, streamline processes, and contribute to cross-functional teams. Eager to leverage technical acumen and continuous learning mindset to drive excellence in a dynamic, growth-focused organization.

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janaeshkrish.github.io/myportfolio/

github.com/janaeshkrish

WORK EXPERIENCE

Engineering Lead

Persistent Systems Limited

06/2022 - Present

bangalore

Achievements/Tasks

- Spearheading end-to-end development, testing, and deployment of Python applications.
- Specializing in the creation and seamless integration of third-party modules, such as Azure AD, CrowdStrike, Netskope, Google workspace, etc.
- Proficiently navigating Linux environments to ensure smooth operations and troubleshoot potential challenges
- Migrated applications to containerization using Podman and Docker, improving deployment efficiency and scalability.
- Development of data pipelines, encompassing tasks such as structuring, cleaning, and implementing error handling.
- Proactively identifying and resolving issues within production environments to ensure system reliability and optimal performance
- Providing guidance and support to junior team members and actively participating in peer code reviews.
- Got promoted from Senior Engineer to Lead Engineer
- Got promoted from Lead Engineer to Engineering Lead

Software developer

Unisoft System Consultancy

03/2021 - 05/2022

Coimbatore

Achievements/Tasks

- Spearheaded the development of AI-powered features integrated into Unisoft's ERP platform, enhancing functionality across multiple business modules such as HR, Finance, and Inventory.
- Built and deployed contextual chatbots using Rasa and Rasa X for seamless user interactions.

AI Developer

Mazenet Solutions

10/2020 - 02/2021

coimbatore

Achievements/Tasks

- Integrated and implemented AI algorithms into IT project deliverables to enhance functionality and intelligence. Role is focused on integrating, implementing AI algorithms and logic into the deliverables of an IT project.

EDUCATION

BE - Bachelors in Engineering

Coimbatore Institute of Engineering and Technology

2016 - 2020

Coimbatore

SKILLS

- Python Django Contextual AI assistant Pandas
Automation Elasticsearch Azure
Software Integration Data Engineering Analytics

PERSONAL PROJECTS

SEO Automation

- Developed an automated system for form filling across multiple websites to improve Google search results. Utilized Chrome WebDriver, Python, Selenium, and Google API to fetch data from Google Sheets and complete forms. Implemented OCR technology using OpenCV and Tesseract OCR to bypass CAPTCHA challenges and ensure successful form submission.

Contextual AI Assistant

- Designed and implemented a contextual AI assistant using the RASA and RASA X frameworks. This assistant effectively handles customer inquiries related to product information and support, offering assistance through both voice and chat interfaces. The solution enhances user interaction by providing accurate, real-time responses and seamless communication experiences.

Automatic Drip Irrigation System

- Developed an automatic drip irrigation system that allows users to control plant watering remotely via mobile phone or laptop. Utilized a Raspberry Pi and a Flask application to manage and automate the irrigation process. The system provides users with access to historical watering data, including the last watered time and date, ensuring efficient plant care and management.

Lullaby Generator

- Generates custom lullabies based on user input. Utilizes advanced language models (e.g., OpenAI, LangChain) and exposes a Streamlit interface for interactions.

LANGUAGES

- Tamil English
Native or Bilingual Proficiency Native or Bilingual Proficiency

INTERESTS

- DataScience NLP Generative AI
Product development Cyber Security Automation
Web development