



ANILCHOUDARY RUGARAMJI

SOFTWARE DEVELOPMENT ENGINEER

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👥 [References](#)

PROFILE

Software Development Engineer with over 3.5 years of experience in full-stack development, contributing to the design and implementation of key features in web applications. Currently focused on developing intelligent chatbot solutions using Generative AI to enhance user interactions and automate workflows. Strong team player with a high drive to learn and grow, experienced in Agile environments and effective in cross-functional collaboration.

WORK EXPERIENCE

d.velop | Software Development Engineer | 10/2023 - Present | Gescher, Germany

Feature Development for SAP - DMS Adapter Product

- Developed and enhanced backend features using Go and frontend components with Angular for a connector product that enables SAP ERP customers to integrate seamlessly with d.velop documents.
- Implemented unit, integration, and API tests to increase code coverage and reduce production defects.
- Provided ongoing product support by resolving support tickets and collaborating with QA and support teams to maintain product quality.
- Actively participated in Agile/Scrum ceremonies, contributing to sprint planning and process improvements.
- **Tech Stack:** GitLab, Go, Angular, TypeScript, MongoDB

AI-Powered Product Assistant Chatbot

- Leading the development of an AI-driven chatbot to assist users with product configurations, release updates, and in-depth documentation support.
- Leveraging Generative AI techniques including Retrieval-Augmented Generation (RAG), Embeddings, and vector databases to deliver accurate, contextual responses.
- Collaborating cross-functionally to integrate the chatbot smoothly and improve overall user experience.
- **Tech Stack:** GitLab, Python, FastAPI, VectorDB, RAG, LLM, LangGraph, OpenAI Embeddings



Meinke Mielke Ingenieurgruppe GmbH | Software Developer | 12/2022 - 09/2023 | Verden, Germany

- Developed a Python and Django-based web application for bridge load calculations, reducing manual effort by 60% and improving load estimation accuracy.
- Designed responsive UI templates using HTML, CSS, Bootstrap, and jQuery to ensure an intuitive user experience.
- Deployed and optimized the application on on-premises servers, enhancing performance and reliability.
- **Tech Stack:** GitHub, Python, Django, HTML, CSS, Bootstrap, JavaScript, IONOS Cloud



Techno Haranga | Junior Software Developer | 05/2022 - 10/2022 | Tumakuru, India

- Trained in Python and Django development, gaining exposure to Docker for containerization and Kubernetes for deployment and scaling.
- Worked with Terraform to automate AWS cloud infrastructure and assisted in CI/CD pipeline management using Git for version control.
- **Tech Stack:** Git, Python, Docker, Kubernetes, Terraform, AWS



- Preprocessed multiple psychological datasets, handling missing values, inconsistencies, and noise to ensure reliable model inputs.
- Conducted exploratory data analysis, including seasonality decomposition, correlation analysis, and dimensionality reduction using PCA and t-SNE, to identify key drivers and reduce feature redundancy.
- Developed and benchmarked a range of forecasting models—including statistical approaches (ARIMA, SARIMA, SARIMAX, FB Prophet) and machine learning models (XGBoost, LSTM)—achieving a significant accuracy increase from 65% to 77% through feature integration and hyperparameter tuning.
- **Tech Stack:** Python (Pandas, NumPy, Scikit-learn, Statsmodels, PyTorch), FB Prophet, XGBoost, PCA, t-SNE, Matplotlib, Seaborn, MySQL, LSTM



- Analyzed vehicle service and sales data using SQL, Excel, and Python (Pandas, NumPy) to identify patterns and support decision-making in regional service operations.
- Built Tableau dashboards to visualize key performance metrics like service inflow and customer satisfaction, improving management reporting and trend tracking.
- Collaborated with dealerships and customer care to implement feedback-driven process improvements, increasing the Customer Satisfaction Index from 8.5 to 9.2.
- **Tech Stack:** SQL, Excel, Tableau, Python (Pandas, NumPy, Matplotlib)

EDUCATION

Master in Computational Science and Engineering (2.0) | 04/2018 - 11/2021 | University of Rostock | Rostock, Germany

Bachelor in Mechanical Engineering (1.5) | 09/2012 - 05/2016 | Siddaganga Institute of Technology | Tumakuru, India

PROFESSIONAL SKILLS

Programming Languages: Go, Python, TypeScript, SQL

Tools and Frameworks: Gin, Angular, Django, FastAPI, NumPy, Pandas, Matplotlib, Scikit-Learn, LangChain, Crew AI, LangGraph, HuggingFace, RAGs, VectorDB, PyTorch, TensorFlow, Keras

Cloud and DevOps: AWS, GitLab, Docker, Kubernetes, CI/CD

Functional Skills: Scrum-Agile methodology, MIRO, JIRA, Confluence, Linux

LANGUAGES

- English — Proficient
- German — Proficient
- Kannada — Native
- Hindi — Native

PROJECTS

- Smart Archive - AI-driven document management system with automated semantic content sorting, manual metadata tagging, and advanced natural language search featuring summarization and Q&A capabilities.
- Developing a personalized diet-based food recommendation system using LangGraph, RAG, and vector databases to suggest nearby restaurants tailored to user preferences.

CERTIFICATIONS

