

# ISHA CHAUDHARI



## WORK EXPERIENCE

- 03/2023 – 06/2024    **Product Lifecycle & genAI Working Student**  
**Rohde & Schwarz GmbH & Co. KG, Munich**
- Developed an LLM-powered platform that helped project leaders to collaborate across locations & variety of projects by 45%
  - Conceptualized CI/CD pipeline to deploy the platform on company's intranet & reach initial 55 subscribers.
  - Assisted in process-modelling initiative using SymbioWeb that optimized 12 key business workflows.
- 07/2022 – 09/2022    **Data Engineering Working Student**  
**Creditshelf AG, Frankfurt**
- Performed data analysis on information of SMEs using MySQL & Python that led to insights of 15% increase in client retention rate.
  - Used data visualization models to track KPIs & to report the results to the leadership teams.
  - Optimized and maintained APIs that improved documentation for stakeholders & reduced API-related queries by 40%
- 03/2021 – 07/2021    **Data Science Intern**  
**BMW AG, Munich**
- Engineered a cloud-native app for ECU data analysis using Python, MySQL & AWS & built dashboards that boosted productivity of software-architects in the team by 40%
  - Designed and implemented Java-based Jira plugin for data extraction via REST API resulting in 50% faster decision-making.

## EDUCATION

- 10/2022 – 07/2024    MSc. Design Leadership (~Industrial Engineering)  
**Technische Hochschule Ingolstadt**
- Key courses: Product Development, Strategic foresight & trend analysis
  - Master Thesis: 'Developing LLM-based platform for Best Practices in Product Lifecycle Management' at **Rohde & Schwarz GmbH & Co. KG**
- 10/2019 – 09/2022    B. Eng. Mechatronics  
**Technische Hochschule Würzburg-Schweinfurt**
- Key courses: Applied Machine Learning, Signal Processing, Embedded Systems
  - Bachelor Thesis: 'AI based cell counting using microscopic images of automated cell culture' at **Fraunhofer-Institut für Silicatforschung ISC**

## CONTACT

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## TECHNICAL SKILLS

- **Programming:** Python (Pandas, PyTorch, Tensorflow, scikit-learn, etc), Java, C++, MySQL, TypeScript, Rust
- **Familiar Technologies:** Kubernetes, AWS, MS Azure, Docker, MLflow
- **OS & Softwares:** Linux, Shell commands, Jira/Confluence, Git, Miro, QlikSense

## LANGUAGE SKILLS

German (B2-C1)

English (C2)

## PROJECTS

### **AI assistant for government resolutions in local language (India)**

Developed an AI assistant for the database of government resolutions of a region to make it understandable to locals in their mother-tongue using **Python & Llama3 (LLM)**

## HOBBIES:

Hiking, bouldering, dancing