# JISHNU JAYARAJ

## Machine Learning Engineer

## About Me

Expert Machine Learning Engineer, excelling in NLP and generative AI; renowned for transforming intricate data into pragmatic AI-driven tools and solutions.

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## LANGUAGE

- English (C1)
- German (B1)

## EXPERTISE

- Large Language models
- Deep learning
- CI / CD pipeline
- Database management
- Docker
- RESTful APIs
- Kubernetes
- MLOps

## EXPERIENCE

**Greple GmbH**
**Fürth**
**May 2021 - Present**

- Developed a competency management reccomendation system to recommend jobs and skills for reskilling and upskilling.
- Created a personality model based on the Big Five personality traits, predicting facet values from free text.
- Created chatbot services using generative AI using Retrieval augmentation and internet lookup functionality

**Rokin Tech- Internship**
**München**
**April 2020 - August 2020**

*Data Visualization and Analysis*

- Data visualization techniques using Tableau, transforming complex datasets into insightful, actionable representations
- Employed robust statistical methodologies to unravel patterns and trends, enhancing data-driven decision-making processes.

*Master Thesis: Trend Analysis*

- Devices a strategy for trend detection, analyzing a voluminous corpus of news articles through AI algorithms

**Siemens Healthineers- Werkstudent**
**Erlangen**
**October 2018 - December 2019**

- Deployed RabbitMQ message queuing service cluster in a cloud environment using Bash scripting.
- Development of deep learning network for web page element classification using xpath

## EDUCATION

**Friedrich-Alexander-Universität Erlangen**
Msc Computational Engineering
2017-2021
Note: 1,9 / 4
Focus: Pattern Reccognition, Simulation, High performance paralell computing