




# Anuj Nair


Software Engineer

Nürnberg, Bavaria, Germany

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 [github.com/anuj-nair](https://github.com/anuj-nair)



Software Engineer with **4 years** of experience in backend development, automation, data engineering, data analytics and machine learning. Proficient in **Python, SQL, Docker, CI/CD, Linux** and **AWS**. Passionate about writing efficient code and solving complex problems. I actively explore emerging tools and techniques through personal projects and continuous learning, staying ahead in a fast-evolving field.

## EXPERIENCE

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- **Infineon Technologies**|Munich, Germany **Jun 2023 – Present**  
Working Student: Automation and Data Analysis
  - Built automation scripts to perform tasks in **Jama** and Product Life cycle Management (**PLM**)
  - Built and managed python packages for the automation scripts
  - Built **Dashboards** to plot **Real-Time Data** using **Plotly** and **Dash**
  - Built an end-to-end flask prototype for interacting with **PLM**
  - Worked on **Data Analysis** and **Data Visualization** tasks
  - Gained experience on tools like **Jira**, **Confluence**, **SourceTree** and **Bitbucket**
  - Built automation pipelines using tools like **Jenkins**, and **Gitlab CI/CD**
- **Keemut**|Delaware, United States **Apr 2021 – Apr 2023**  
Machine Learning Engineer (Remote)
  - Built python back-end integration with **Tesla** API.
  - Automated the machine learning pipeline and reduced the time taken by **50%**
  - Built **Machine Learning** regression models for vehicle price prediction on monthly basis
  - Maintained and managed **AWS** servers for python back-end and machine learning pipeline
  - Built **Web Crawlers** for collecting vehicle data
  - Created **Bash** and **Python** scripts for cleaning crawled data and building machine learning model
  - Created **cronjobs** to aggregate data for **Data Analytic Dashboards** and **Databases**

## SKILLS

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- **Languages**  
Python, SQL,  $\text{\LaTeX}$ , Bash, Java, JavaScript
- **Libraries/Frameworks**  
PyTorch, Tensorflow, PySpark, HuggingFace, LangChain, Pandas, OpenCV
- **Software and Tools**  
AWS, Slurm, Linux, Docker, GitLab CI/CD, Jenkins, MongoDB, Snowflake, Apache Kafka, Tableau

## PROJECTS

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- **LLM RAG**  [Github](#)
- **Amur Tiger Re-Identification**  [Github](#)
- **Project MNIST**  [Demo](#)  [Github](#)

## EDUCATION

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- **M.Sc. in Data Science** **Oct 2022 - April 2025**  
**Friedrich-Alexander-Universität Erlangen-Nürnberg**|Bavaria, Germany  
Current GPA: 2.8/5.0
  - Major: Artificial Intelligence and Machine Learning
  - Master Thesis: “Development and Evaluation of a Modular Pipeline Using Advanced Deep Learning Techniques for Monitoring Manufacturing Processes Based on Time Series Data.”
  - Master Seminar: Presented paper “Segment Anything in Medical Images” in by Jun Ma, *et al.*
- **B.E. in Computer Science and Engineering** **Jun 2018 - May 2022**  
**Gujarat Technological University**|Gujarat, India  
CGPA: 8.93/10.0

## COURSE WORK

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- **Advance Your Skills in Deep Learning and Neural Networks** LinkedIn Learn **2021**
- **Learning SnowflakeDB** LinkedIn Learn **2025**
- **Apache Spark Essential Training: Big Data Engineering** LinkedIn Learn **2025**