

Namit Bhalendra Kharade

Mail: namit.b.kharade@gmail.com

Mobile: (+49) 176 37249426

LinkedIn: <https://www.linkedin.com/in/namit-k/>

Address: Magdeburg, Germany

I am fascinated by the power of extracting insights from data to drive smart decisions for products and businesses. I am eager to explore diverse aspects of Machine Learning (ML) and Artificial Intelligence (AI), leveraging my technical skills and leadership abilities to innovate in these fields.

EDUCATION

October 2022 **Masters of Science (Data and Knowledge Engineering)**

– Present

Otto-von-Guericke University, Magdeburg

- **Subjects:** Machine Learning, Information Retrieval, Recommenders, Data Mining, Introduction to Simulations, System Architectures, Distributed Data Management, Advanced Database Models, Visualisation, Advanced Topics in Databases

May 2017 – **Bachelor Of Engineering (Computer)**

July 2021

Savitribai Phule Pune University, Pune

PROJECTS

February 2023 – **Visualizing Predictive Factors of Heart Disease**

August 2023

- Applied association rule mining to reveal significant correlations within diverse dataset item sets.
 - Adapted association rule mining in the medical domain, showcasing its potential for insightful applications.
 - Produced a user-friendly and understandable visual representation of identified factors using various techniques.
 - Conducted an in-depth analysis of the dataset to unravel intricate connections among contributing factors to cardiovascular disease.
- Utilized technologies such as **Python, R, Orange, arulesViz, arulesPy.**

June 2022 – **Data-driven Recruitment Strategy for a Fictitious Company**

July 2023

- Optimized talent acquisition and project success of a company.
- Identified the factors influencing project success through data analysis.
- Provided recommendations for improving access to promising talent using the **AutoML** model.
- Utilized technologies such as **Python, Google Cloud Platform - BigQuery, BigQueryML, Vertex AI, Kubeflow, Looker studio.**

November 2022
– January 2023

Cluster based visualization

- Created a search engine for relevant documents based on a given query.
- Transformed Wikipedia movie documents to TF-IDF vectors and returned documents having more BM25 similarity score.
- Applied **K-Means** on returned documents to cluster them into similar categories.
- Integrated **Highcharts** to visualize clusters of documents.
- Utilized technologies such as **Python, Java, Angular, and Node**.

WORK EXPERIENCE

March 2023 –
July 2023

Working Student – Company: *aiio GmbH*

Location: Magdeburg, Germany

- Helped create test plans and automation ideas, making testing more efficient.
- Develop and execute unit tests and perform system testing to ensure software quality
- Collaborated in creating various technical documents including conception, functional specifications, process description, and use cases.
- Integrated Large Language Models (LLMs) like ChatGPT to enhance user productivity and ideas.
- Supported the development, enhancement, configuration, and documentation of Project Management applications for the employer.

August 2021 –
August 2022

Associate Software Engineer – Company: *Accenture Solutions*

Project: Everything Everywhere / British Telecom

Location: Pune, India

- Worked as Test Analyst engaging in End-to-End Testing, demonstrating a robust grasp of Waterfall and Agile Methodology in all stages of STLC & SDLC, and driving multiple projects to completion as part of EE releases in PIT.
- Accomplished the designated task flawlessly, avoiding errors or escalations to facilitate an efficient production flow.
- Comprehended the scope and objectives of projects, devised test plans, and developed automation scripts for billing, mediation, provisioning, and CRM systems.
- Applied hands-on skills in debugging & identifying defects through management tools such as HP Quality Centre and Jira.

December 2020
– May 2021

ML Engineer Intern – Company: *AI Adventures*

Location: Pune, India

- Developed a chatbot that assisted people with one-stop updates of COVID-19
- Undertook data gathering and pre-processing for effective model training.
- Assisting the team in building and maintaining Machine Learning models.
- Successfully accomplished two data visualisation projects, enhancing analytical and interpretative skills.

SKILLS

Languages ▪ English (C1), German (A1)

Programming ▪ Python, C, C++, TypeScript, HTML, CSS, JavaScript

Databases ▪ MySQL, SQL Server, MongoDB, PostgreSQL

Libraries ▪ Scikit-learn, TensorFlow, PyTorch, Keras, OpenCV

Cloud & Editors ▪ Google Cloud Platform (GCP), Amazon Web Services (AWS), Terraform, Apache Airflow, Docker, Git, VSCode, Jupyter Notebook

Visualization & Analytical tools ▪ Matplotlib, Plotly, Seaborn, Pandas, Microsoft Excel, LookerStudio, Power BI

Other skills ▪ Data Structures and Algorithms, ML algorithms, Quantitative analysis, Data Analytics, Data Modelling, Computer vision, Microsoft Office 365 (Outlook, Teams, PowerPoint, SharePoint)

PUBLICATIONS

▪ Authored a paper titled, “**Deep-learning based helmet violation detection system,**” presented in the 2021 International Conference on Artificial Intelligence and Machine Vision (AIMV).

<https://ieeexplore.ieee.org/document/9670937>

▪ Co-authored a paper, “**COVID-19 pandemic deep learning implementations of prediction of disease with data analysis and real-time face-mask detection with camera,**” presented in the 2021 International Conference on Artificial Intelligence and Machine Vision (AIMV).

<https://ieeexplore.ieee.org/document/9670960>