

# Meeran Muhammad Tabish

## Software Developer

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Github: <https://github.com/thetabish>

Date of Birth: 10.10.1998

Results-driven Software Developer with 2 years of experience in designing, developing, and maintaining high-quality software applications. Proficient in Python, SQL, ReactJS. Eager to leverage my skills and passion for software development, contributing to innovative solutions and driving breakthroughs in a collaborative environment.

## SKILLS

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**Programming Languages:** Python, SQL, R, C++, C, Javascript, HTML, CSS,

**Data Visualization:** PowerBI, Streamlit, Plotly Dash

**Databases:** Microsoft SQL Server, MySQL, PostgreSQL

**Tools and Frameworks:** Pandas, NumPy, Tensorflow and Keras, sci-kit, PyVista, VTK, BeautifulSoup, Selenium

**Web Frameworks:** Django, Flask, ReactJS, Vue.js, Node.js, Express

**Cloud and other software:** Google Cloud Platform, Microsoft Azure, Docker, Git

**Operating System:** Windows, Linux,

**Certifications:** OVGU Cloud Winter School (Associate Google Cloud Engineer training)

**Soft Skills:** Strong analytical, problem-solving, and communication skills. Proven ability to work collaboratively in international teams.

## RELEVANT WORK EXPERIENCE

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### Research Assistant (Wissenschaftliche Hilfskraft) | Web scraping and data analysis April 2024 - Now

Deutsche Zentrum für Hochschul- und Wissenschaftsforschung GmbH, Hannover, Germany

- Developing web scraping algorithms to systematically collect and analyze job postings from universities across Germany.
- Contributing to the creation of a comprehensive database for analyzing the quality and characteristics of professors in various German universities.
- Building a dashboard using Plotly Dash to implement a one-click solution to scrape job postings periodically.
- Utilizing expertise in Python libraries like Selenium and BeautifulSoup to implement efficient web scraping algorithms and Sci-kit learn and tensorflow to implement machine learning algorithms on the scraped data.

### Research Assistant (Wissenschaftliche Hilfskraft) | Python Developer

March 2024

Otto-von-Guericke University, Magdeburg, Germany

- Developed a specialized tool to streamline the processing, manipulation, and conversion of JSON files pertaining to BMW's manufacturing processes.
- The tool converts the JSON file to other formats, enhancing data accessibility and compatibility. Built a dashboard using Streamlit to implement a one-click solution.
- Demonstrated proficiency in Python libraries like pandas and streamlit to create efficient and user-friendly solutions.

**Research Assistant (Wissenschaftliche Hilfskraft) | Python Developer**

July 2023 – November 2023

Otto-von-Guericke University, Magdeburg, Germany

- Engineered a transformative data analytics tool for Volkswagen, resulting in a 20% workflow improvement.
- Applied advanced data preprocessing techniques for valuable insights.
- Developed a dynamic data analytics dashboard with 3D visualization using Plotly Dash, PyVista, Javascript, CSS, VTK, Pandas.
- Proactively engaged stakeholders, ensuring seamless collaboration. Known for flexibility in adapting to evolving project requirements and commitment to delivering high-quality code

**Application Development Analyst | Software Engineer**

February 2021 – September 2022

Accenture, Hyderabad, India

- Crafted efficient data queries using SQL, enhancing data workflows.
- Utilized Power BI and Excel for KPI tracking reports.
- Demonstrated exceptional performance with a significant organizational impact, leading to an early promotion to Analyst at Accenture. Improved ticket resolution of the team with a 20% faster turnaround time.
- Received comprehensive training in MVC architecture utilizing C#

**EDUCATION**

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**MSc. Digital Engineering (Informatics)**

October 2022 – March 2025

Otto-von-Guericke University, Magdeburg

**Bachelor's in Mechanical Engineering**

August 2016 – September 2020

Jawaharlal Nehru Technological University, Hyderabad

**PROJECTS**

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**Data Analytics and Visualization for Volkswagen GmbH**

March 2023

Developed a user friendly dashboard using Streamlit to analyze complex datasets. Visualized and performed K-means clustering on the data.

Skills: Python, Pandas, sci-kit, Streamlit, Plotly, matplotlib, Jupyter

**LANGUAGES**

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- English: C1
- Deutsch: B1

**REFERENCES**

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| <ul style="list-style-type: none"><li>• <b>David Hoffmann</b><br/>Wissenschaftlicher Mitarbeiter<br/>Universität Magdeburg<br/>Phone: +49 160 99631317<br/>Email: david.hoffmann@ovgu.de</li></ul> | <ul style="list-style-type: none"><li>• <b>Shalomji Usiripelli</b><br/>Application Development Analyst<br/>Accenture India<br/>Phone: +91 84639 98505<br/>Email: usiripelli.shalomji@accenture.com</li></ul> |
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