Venumadhuri Valluru

Software Backend Developer

Address: Chemnitz, Germany | Mobile: +49 15777084440

Websites: **Linkedin**, **Portfolio** | Email: vmvalluru@gmail.com

SUMMARY

"Picture a world where creativity meets code, where data unveils its secrets, and where innovation is the norm. This is my world."

A dedicated professional with a powerful vision and blend of software development and data analysis skills. My journey is a relentless quest for knowledge and excellence, fueled by a deep passion for technology and a drive to create impactful solutions.I am seeking a role that offers opportunities for continuous learning and professional growth, where I can collaborate with cross-functional teams to develop cutting-edge solutions and make a tangible impact on the organization.

SOFTWARE SKILLS

Python | SQL | Power BI | Excel | Web Scraping | Statistical Analysis | Tableau | React.JS| REST API| GIT Lab| PostgreSQL| Django| Django Rest Frameworks| HTML| CSS| TypeScript| JavaScript| MS Excel| MS Office| MATLAB| Qlik View|

WORK EXPERIENCE

02/2024 – present

Software Developer, Intern
Doc Align, Berlin

- Implemented backend functionalities with MVC architecture using Python and Django framework, improving database interaction speed by 20%.
- Designed and developed frontend interfaces using React, Angular and Material-UI, resulting in intuitive and visually appealing user interfaces.
- Integrated GitLab for version control, reducing code merge conflicts by 30%.
- Managed project tasks and workflows efficiently using Clickup, increasing team productivity by 15%.
- Implemented appropriate data architectures and design of APIs.
- Collaborated closely with cross-functional teams including UX/UI designers and product managers to translate requirements into technical solutions.

03/2022–10/2022

Working Student
A&O hostels, Munich

- Performed data analysis using Power BI to create dashboards and addressed business problems enhancing data security.
- Proactively analysed data to provide valuable insights, supporting overall business planning and growth using Python, SQL, and Excel.
- Maintained and analyzed organization KPIs, contributing to a 15% improvement in project management efficiency.

| 06/2018 – 07/2019 | **Trainee Programmer /Analyst** |
| | MPower Infrastructure Private Limited, India |

- Utilized Microsoft Excel to manage and analyze large datasets, facilitating efficient decision-making processes and optimizing raw material utilization.
- Collaborated on cross-functional projects, contributing to a holistic understanding of business operations.
- Developed data-driven models to predict and mitigate risks associated with supply chain disruptions, improving overall business resilience.
- Assisted in the creation of detailed reports and presentations for senior management, offering insights that supported strategic planning and risk assessment.
- Implemented basic logging and monitoring processes to track data flow and ensure smooth operations across supply chain systems.

EDUCATION

| 10/2019 – 09/2023 | **Masters: M.Sc. Applied Mathematics for Networks and Data Science** |
| | Hochschule Mittweida (FH), Mittweida, Germany |

- **Relevant Courses:** Blockchain Technology, Statistical analysis, Machine Learning, Computational Intelligence

| Master Thesis | **"Zero-Knowledge proofs in Blockchain Networks"** |

| 08/2014 – 07/2018 | **Bachelors: B.Tech Computer Science** |
| | Geethanjali college of Engineering and Technology, Hyderabad, India |

- **Relevant Courses:** Database Management Systems, Data Structures, Software Engineering, Python.

CERTIFICATIONS

Databricks Lakehouse Fundamentals
- Gained foundational knowledge on data engineering, data science, and machine learning on Databricks.

Google Data Analytics
- Developed skills in data cleaning, analysis, and visualization using tools like SQL, R, and Tableau.

Data Analytics Consulting Virtual Internship, KPMG
- Completed projects simulating real-world data analytics consulting scenarios, focusing on data insights and business strategy.

SQL for Data Science, Coursera
- Learned SQL fundamentals and how to apply SQL for data analysis in real-world scenarios.

LANGUAGE SKILLS

English:	C1: Business fluent
German:	B1: Intermediate (Consider taking a certified language test for formal recognition)
Other:	Telugu, Hindi