Vivek Kumar Singh

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ABOUT MYSELF

IT-Centric Professional with Strategic Business Insight — leveraging expertise in Data Science, AI, SQL, Databases, Machine Learning, and Analytics to bridge technology and business impact.

EDUCATION AND TRAINING

01/04/2025 – CURRENT Magdeburg, Germany
MASTER OF SCIENCE - DIGITAL ENGINEERING Otto-von-Guericke-University

10/06/2016 – 22/06/2020 India
COMPUTER SCIENCE AND ENGINEERING Bachelor of Technology - Pranveer Singh Institute of Technology

WORK EXPERIENCE

▥ **OTTO-VON-GUERICKE-UNIVERSITY** – MAGDEBURG, GERMANY
UNIVERSITY RESEARCH ASSISTANT – 01/10/2025 – CURRENT

- Assisted professors in designing and conducting exercises, tutorials, and practical sessions for enrolled students.
- Worked extensively with SQL, UML, HTML, ER diagrams, and XML for academic projects and course modules.
- Guided students in applying database modeling and system design concepts to real-world scenarios.
- Supported in creating learning materials, structured assignments, and assessment frameworks for the course.
- Collaborated with faculty on research-based tasks and curriculum enhancements to improve course effectiveness.

▥ **MAXONIC INC.** – DELHI, INDIA
TECHNICAL PROGRAM MANAGER – DATA & BUSINESS SOLUTIONS – 03/10/2022 – 25/03/2025

- Designed and optimized databases with SQL pipelines for scalable, secure, and efficient data integration.
- Applied Machine Learning, Data Science, and AI for predictive analytics and automation.
- Performed data cleaning, EDA, and visualization using Python, Power BI, and Tableau.
- Collaborated with teams to translate business needs into data-driven solutions.
- Hands-on with Python, Pandas, NumPy, Scikit-learn, GitHub, HTML, and Docker.
- Supported business development using Salesforce, LinkedIn, and ZoomInfo.

▥ **BYJU'S** – DELHI, INDIA
BUSINESS DEVELOPMENT MANAGER – 01/07/2020 – 30/09/2022

- Led and mentored 18–20 trainees per batch in Delhi, driving performance, attrition control, and team-building.
- Achieved revenue targets through strategic execution, post-sales engagement, and quality control.
- Trained and coached new Business Development Trainees (BDTs) to consistently meet sales KPIs.
- Proven track record in field sales and business growth, continuously boosting company revenue.

LANGUAGE SKILLS

English ,Hindi, German A1

SKILLS

C++ | machine learning | SQL | Git/Github, Docker, Gitlab | Programming: Python, C, C++, C#, MATLAB, R | Data Visualisation, Data Analysis, Data mining | Python (Scikit-learn, NumPy, Pandas) | Jupyter Notebook, Google Colaboratory, Spyder | Microsoft Excel, Micrsoft Acess and Microsoftword