



RATNESH VARMA

Birkenstrasse 7 | Lemgo, Germany
+49 17647105958 | vamaratnesh25@gmail.com
[LinkedIn](#) | [Portfolio](#)

EDUCATION

TH Ostwestfalen Lippe
Master Information Technology

Lemgo, Germany
Oct 2023 – present

Mumbai University
Bachelors Electronics and Telecommunications

Mumbai, India
Aug 2018 – May 2022

WORK EXPERIENCE

ZEUS Learning
Content Integrator Consultant

Mumbai, India
Oct 2022 – Sep 2023

- Designed and optimized web-based application interfaces, aligning with user experience principles and improving engagement by 30%.
- Collaborated with cross-functional teams to meet deadlines, contributed to planning and milestone tracking.
- Reduced development time by 30% while assuring quality of e-learning content for better accuracy and effectiveness. Trained new employees for Avallain Author usage.

Beanstack Systems
Application Developer Intern

Mumbai, India
Oct 2021 – Apr 2022

- Developed backend logic for a medical application, integrating APIs for seamless interaction between user input and backend services, contributing to a 25% improvement in app functionality.
- Contributed to the design and testing of AI-driven user interaction interfaces, enhancing engagement and optimizing natural language processing models.
- Utilized Git for version control, ensuring seamless front-end and back-end integration.

Dezignolics
Web Developer Intern

Mumbai, India
Dec 2020 – Feb 2021

- Developed a fully functional online bookstore during the internship and enhanced user interactions.
- Enhanced cross - platform performance optimizing features that improve category selection and accessibility for a broad audience.
- Designed and implemented a user-friendly interface, resulting in a 25% reduced navigation time to locate and buy.

SKILLS

- **Machine Learning:** (Python, Scikitlearn, Matplotlib, Numpy, Pandas, Seaborn) —Intermediate; (NLP, Supervised Learning, Predictive Analysis, Data Visualisation, Classification, Quantitative Analysis, Deep Learning) – Beginner; (Jupyter, PyCharm, MATLAB) — Intermediate
- **Front End:** (HTML, CSS, JavaScript, ReactJS, Bootstrap) — Intermediate
- **Back End:** (Java Programming, NodeJS, PHP, MongoDB, SQL) — Intermediate; (Postman API testing, Laravel Integration) — Beginner
- **Software Knowledge:** (Adobe – Photoshop, Audition, After Effects) — Intermediate; (MS Office – Word, PowerPoint, Excel) — Intermediate; (VSCode, Android Studio) — Intermediate
- **Soft Skills:** Agile, Analytical, Communicative, Collaborative, Intuitive, Team player
- **Interests:** Cooking, Financial market Analysis, Outdoor enthusiast (Sports, Hiking, Travelling)

LANGUAGES

- English — Business fluent
- German — Intermediate
- Hindi — Native

PROJECTS

Comparison of ML Algorithms on a Lung Cancer Dataset, *Module Paper*

- Conducted datasets research and drafted a research paper as a research project aimed at facilitating the classification of Lung Cancer Patients to improve the prediction for future analysis.

Customer Segmentation for Telco Business, *Module Paper*

- Conducted research on customer dataset to classify the type of customer according to the usage, demographics and various other factors for future prediction of customer retention.

CERTIFICATIONS

- [Machine Learning Essentials](#)
- [Python Data Analysis](#)
- [SQL Intermediate](#)
- [Python Intermediate](#)
- [Java Programming](#)
- [Web Development](#)

CURRICULARS

- Served in **Sea Cadet Corps** (SCC), an NGO imparting discipline and Naval training.
- Managed events as **Event Manager** in University events as a member of core committee.