RATNESH VARMA

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LinkedIn | Portfolio

EDUCATION

TH Ostwestfalen Lippe   Lemgo, Germany
Master Information Technology   *Oct 2023 – present*

Mumbai University   Mumbai, India
Bachelors Electronics and Telecommunications   *Aug 2018 – May 2022*

WORK EXPERIENCE

ZEUS Learning   Mumbai, India
Content Integrator Consultant   *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   Mumbai, India
Application Developer Intern   *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   Mumbai, India
Web Developer Intern   *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.

LANGUAGES & SKILS

- *Languages*: English (Business fluent), German (Intermediate), Hindi (Native)
- *Machine Learning*: (Python, Scikitlearn, Matplotlib, Numpy, Pandas, Seaborn) —Intermediate, (NLP, Supervised Learning, Predictive Analysis, Data Visualisation, Classification, Quantitative Analysis, Deep Learning) - Beginner
- *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)

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.