VIJIT MEHROTRA

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WORK AUTHORISATION

- Germany ● India

INDUSTRY EXPERTISE

Quantitative Methods	Data Warehousing	Business Analytics	Time Series	Predictive Analytics
Machine Learning	Data Visualisation	Data Mining	NLP	Big Data Analytics

EDUCATION

University of Hildesheim
International Master's in Data Analytics

📅 2017 – 2020
💧 Hildesheim, Germany

Jain University
Bachelor of Computer Applications in Data Analytics   *CGPA 8.625/10*

📅 2014 – 2017
💧 Bangalore, India

CMR NPS School
CBSE AISSCE Class XII Examination
- Aggregate: 89.4%; Relevant coursework: English, Economics, Mathematics, Business Studies, Accountancy

📅 2012 – 2014
💧 Bangalore, India

EXPERIENCE

CLEVR DE GmbH, Junior Consultant, IT services and agile software development in the field of digitization
- Participated in the Mendix ("Low Code / No Code") platform training program and contributed towards the development of an internal Mendix application

📅 Sep 2021 – Oct 2021
💧 Saarbrucken, Germany

University of Hildesheim, Masters Student, Machine Learning Projects
- 'Stable Learning of Multiple Agents'. *Game theoretical oriented approaches are becoming more popular in Machine Learning. Goal is on understanding and implementing Competitive Gradient Descent Algorithm, one of the new ideas to emerge to compute Nash-equilibria in a more stable manner, applying to novel setting and investigating possible improvements in training GANS such as Stability and Convergence. In the n-player game, each agent usually a neural network tries to minimize its own objective function and the goal is to find a Nash-equilibrium so that no agent can gain from changing its strategy*
- 'Large Scale Dynamic Machine Learning Work Flow'. *Goal of the project was to work on distributed algorithms on four test problems across three architectural frameworks to obtain better execution time and system performance for large datasets; collaborated with fellow students on the research project*

📅 2017 – 2020
💧 Hildesheim, Germany

First American (India) Pvt Ltd, Graduate Trainee, Data Analytics Application in the Mortgage Industry
- Provided transaction and analytics services to the UK office within the Real Estate and Mortgage Industry through Data Mining

📅 Jun 2017 – Sep 2017
💧 Bangalore, India

Jain University, Student, Data Visualization Project in the Financial Services Industry
- Developed an analytical solution to visualise banking and financial data of stocks and bonds; utilized data visualization (BI) tool BellaDati to provide key insights to wealth management customers aimed at increasing their revenue

📅 2014 – 2017
💧 Bangalore, India

VIRTUAL EXPERIENCE / CERTIFICATES

Google Data Analytics Professional Certificate
- Data types and structures; using data to solve problems; analyzing data; data visualizations

📅 Jul 2021 - Present
💧 Germany

Mendix Rapid Developer Certificate
● Successfully demonstrated the knowledge, skills and experience required for the mendix rapid developer certification

📅 Sep 2021
💧 Germany

Quantium Virtual Experience Program Participant 2021 - 26h
Participated in the open access Quantium Virtual Experience Program with Forage
Tasks Completed
- Data preparation and customer analysis
- Experimentation and uplift testing

📅 May - Jun 2021
💧 Virtual, 26h

- Analytics and commercial applications

KPMG Virtual Experience Program Participant 2021 - 8h
Participated in the open access KPMG Virtual Experience Program with Forage
Tasks Completed
- Data Quality Assessment
- Data Insights
- Data Insights and Presentation

📅 Apr 2021
💧 Virtual, 18h

Goldman Sachs Virtual Experience Program Participant 2021 - 8h
Participated in the open access Goldman Sachs Virtual Experience Program with Forage
Tasks Completed
- Cryptography basics
- Password cracking
- Password best practice

📅 Apr 2021
💧 Virtual, 8h

ANZ Virtual Experience Program Participant 2021 - 13h
Participated in the open access ANZ Virtual Experience Program with Forage
Tasks Completed
- Data Segmentation
- Data Visualisation
- Data Analysis
- Predictive Analysis

📅 Apr 2021
💧 Virtual, 13h

INDEPENDENT ONLINE COURSEWORK

Udemy (Online Course)
- Big Data Basics
- Java 8 - Beyond the Basics
- Business Data Analytics using Excel
- Introduction to Databases & SQL Querying
- Apache Hadoop EcoSystem - Hive
- Getting Started with Apache Cassandra
- Advance Databases and SQL Querying
- Training Sets, Test Sets, R and ggplot

📅 Feb 2016 – Jun 2017
💧 Bangalore, India

MongoDB University (OnlineCourse)
- MongoDb for Developers

📅 Sep 2016
💧 Bangalore, India

TECHNICAL SKILLS

Frontend and Backend
- CSS
- XML
- C, C++
- Shell
- Gitlab
- HTML
- JavaScript
- MySQL
- Java
- React JS

Data Analytics and Data Science
- Machine Learning
- Hadoop EcoSystem
- TensorFlow
- MPI
- Tableau
- Python
- R
- Spark
- NOSQL
- BigQuery
- Data Warehousing
- Google Cloud Platform
- Mining
- Pytorch

Software Tools and OS
- Mendix
- Microsoft Office
- Linux
- Macintosh
- Windows

LANGUAGES

German **Beginner** ●●●●● English **Fluent** ●●●●● Hindi **Native** ●●●●● French **Beginner** ●●●●●

INTERESTS

- Karate (orange belt) • Music • Cooking • Tennis • Photography • Travel • Tech & Gadgets • Gaming