

Anton J Vikranth

Navigating the realms of data science on a journey towards mastery,
Currently pursuing a Master's in Applied Data Science and Analytics at SRH
Hochschule Heidelberg

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[Anton Jesu Vikranth | LinkedIn](#)

SKILLS

- Programming: Python, SQL.
- Data Analytics: Machine Learning, NLP, Neural Networks.
- Tools and Technologies: GitHub, Docker, Ansible
- Cloud Technologies: GCP, Microsoft Azure
- Libraries and Frameworks: Pandas, Scikit-learn, Numpy, PyTorch
- Operating System: Windows, Linux

EXPERIENCE

INFOSYS, Mysore — Database Admin

August 2021 - September 2023

- Enhanced data recovery efficiency by 30% through the implementation of robust Database Backup and Recovery strategies for CUMMINS as part of Infosys.
- Reduced unplanned system downtime by 20% by proactively identifying and addressing potential vulnerabilities.
- Improved database resource utilization and system performance by 25% through advanced Capacity Planning techniques.
- Achieved a 95% score in the latest security audit by ensuring compliance with industry-specific security standards.
- Technology: Microsoft SQL Server and Azure Cloud computing platform

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DRDO, Chennai — Project Intern

February 2021 - April 2021

- Played a key role in implementing the Model check module in server and client systems, contributing to the enhancement of product life cycle management systems across CVRDE-DRDO Chennai.
- Ensured adherence to organizational standards by cleaning up configuration files and configuring server and client systems for solution implementation.

Technology: **PTC WINDCHILL, PTC CREO, and LINUX operating systems.**

CERTIFICATIONS:

- SAS Visual Analytics 2 for SAS Viya: Advanced.
- Microsoft Certified: Azure Data Scientist Associate
- Microsoft Certified: Azure Data Fundamentals
- Microsoft Certified: Azure Fundamentals

EDUCATION

SRH University, Heidelberg — *M.Sc Advanced Data Science and Analytics(current grade: 1.9)*

October-2023 - Present

Currently pursuing my M.Sc Advanced Data Science and Analytics Degree with a focus on Machine Learning and Statistics, Data Management, Data Engineering, and Natural Language Processing.

SASTRA University, Thanjavur — *B.Tech Mechanical Engineering(grade: 2.3)*

June 2017 - May 2021

Completed my B.tech Mechanical Engineering Degree in first class with electives focusing on design and manufacturing.

PROJECTS

[Predictive Car Market Analysis Project ↗](#)

- Developed a Random Forest ML model achieving a mean R2 score of **0.937**, explaining 93.7% variability in predicting used car market prices
- Hosted the model as a Flask API on Oracle Cloud VPS, ensuring convenient access for users and practical application of machine learning in real-world scenarios.

[Data Engineering Anime Data ↗](#)

- Established collaborative VPN connections using Tailscale, initiated Docker Swarm, and configured a Hadoop-Spark cluster for seamless communication and resource sharing.
- Utilized Scrapy and BeautifulSoup to efficiently scrape data from popular anime websites, including MyAnimeList and Anime News Network.
- Implemented Extract, Transform, Load (ETL) processes to transfer, clean, and load scraped data into a MySQL database, showcasing proficiency in data engineering and database management.

Hush-Hush Recruiter

- Developed a Flask-based web app, to streamline candidate selection for HR professionals. Integrated LinkedIn and GitHub data to train a machine learning model for classifying candidates as 'good' or 'bad' based on specified parameters.
- Employed custom transformers like Word2Vec to process categorical data, clustering candidates using KMeans algorithm, and labeling them accordingly.
- Trained a KNN model to classify new candidates, empowering HR professionals with advanced data-driven insights for efficient decision-making in the hiring process.

LANGUAGES:

- English Native Speaking(C2)
- German-Basic(A1)