Varundeepak Babu Ananthi

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Summary

Result-driven MSc Data Science Graduate from the University of Edinburgh with proven Data background. Eager to leverage technical foundation in ETL processes, data validation and warehousing, and data analysis knowledge to deliver immediate impact as an Analytics/Data Science professional. Currently holding a UK Graduate Visa (PSW) valid till 9 December 2026, allowing unrestricted right to work in the UK

Links

LinkedIn, GitHub

Experience

SmartInternz   Apr 2024 - Jun 2024
QlikSense Intern   India
- Created interactive Qlik Sense dashboards that revealed key factors contributing to road accidents in India, enabling targeted safety recommendations
- Developed a data-driven storytelling presentation that transformed 10,000+ accident records into actionable insights, receiving top assessment scores

Cognizant   Jan 2023 - Feb 2023
Programmer Analyst   India
- Implemented staging tables and optimised data warehouse models that improved data ETL and migration performance by 25%
- Collaborated and communicated with the on-site team to understand and work on this project, improving project-working, planning and communication skills

Cognizant   Jan 2022 - Jan 2023
Programmer Analyst Trainee   India
- Automated data pipelines across AWS services (S3, RDS, Glue) that reduced manual processing by more than 50%
- Developed Power BI dashboards that consolidated data from multiple sources, providing actionable insights

Rudder Analytics   Aug 2021 - Dec 2021
Associate Analyst   India
- Managed daily ETL processes handling 1 million+ records between cloud systems with 99.9% accuracy
- Validated 1 million+ records every day using advanced Excel capabilities
- Efficiently handled "missing information" during data migration and in data warehouses using SQL
- Engineered complex SQL queries with multi-table joins
- Trained in concepts and tools such as Snowflake, BigQuery, Machine Learning, etc.

Smartbridge Educational Services   Jun 2019 - Jul 2019
Machine Learning Intern   India
- Developed breast cancer prediction model, achieving 95% accuracy using Python and scikit-learn
- Deployed machine learning application to IBM Watson and built a web interface using Node-RED, enabling real-time diagnostics processing

Skills

Skills: SQL, Python, Excel, Tableau, R, Machine Learning

Education

University of Edinburgh   Sep 2023 - Aug 2024
MSc · Data Science · Edinburgh, UK   2:1

- Achieved 2:1 (Merit)
- Related Courseworks include Applied Machine Learning, Fundamentals of Data Management, Introduction to Databases, Advanced Database Systems, Case Studies in AI Ethics and a module in Human Resource Management to understand HR practices
- Dissertation Title: A Usability Study of Marked Types in Postgresql - Involves having users test an implementation of "Marked Nulls" and getting their feedback/opinion, and analysing them to improve the feature, enabling deriving actionable insights

Sona College of Technology   Aug 2017 - May 2021
B.Tech (Bachelor of Technology) · Information Technology · Salem, India   9.28/10 CGPA

- CGPA of 9.28/10 (First Class with Distinction)
- University Topper (2nd Rank in a cohort of 100)
- Final Project: Full Stack SAP-based ERP System

Certifications

Google Data Analytics - Google on Coursera | Link   Jul 2025 -
Google · B3XC7Q3MY5GC

Tableau Desktop Specialist   Mar 2025 -
Tableau

Microsoft Certified: Azure Data Fundamentals   May 2022 -
Microsoft

Microsoft Certified: Azure AI Fundamentals   Apr 2022 -
Microsoft

Microsoft Certified: Azure Fundamentals   Mar 2022 -
Microsoft

Microsoft Technology Associate: Introduction to Programming using   Jul 2020 -
Python
Microsoft

Dell EMC Academic Associate: Data Science and Big Data Analytics   Feb 2019 -
Dell EMC

Projects

Spotify Score Prediction   -
· Python - pandas, scikit-learn, matplotlib   Machine Learning

- Given the parameters of a song like the artists, danceability, loudness, etc., the ML model would predict what score the song would achieve on the given date or week with more than 90% accuracy
- Performed different analyses like finding top songs based on cumulative points, top artists with songs in the ranking table, etc.
- Processed and cleaned dataset of 100,000+ songs with 10+ audio features

Qlik Analysis of Road Safety and Accident Patterns in India   -
· QlikSense - data viz., dashboarding, data analysis   Data Analysis and Visualization

- Analysed the causes/patterns of road accidents in India, combining data from multiple datasets to find insights
- Created interactive dashboards that would show different visualizations based on user selected conditions