

Varundeepak Babu Ananthi

9894356477 | Chennai, India | varundeepak0@gmail.com |
<https://www.linkedin.com/in/varundeepak-babu-ananthi-82606a172/> | <https://github.com/Varundeepak>

SUMMARY

Result-driven MSc Data Science Graduate from the University of Edinburgh with around 2 years of 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 (09/12/2026), allowing unrestricted right to work in the UK (no need for visa sponsorship till this date)

SKILLS

Data Analysis & Visualization: SQL, Excel, Tableau, Qlik Sense

Programming & Data Science: Python (pandas, NumPy, scikit-learn, matplotlib, seaborn), R

Databases & Cloud: PostgreSQL, Snowflake, BigQuery, AWS (S3, RDS, Glue)

Other: Machine Learning, Data Analysis, Data Science, ETL, Data Cleaning, Git, Communication

EXPERIENCE

Qlik Sense Intern

April 2024 – Jun 2024

SmartInternz

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

Programmer Analyst (Trainee)

Jan 2022 – Feb 2023

Cognizant

India

- Promoted from Trainee to Analyst in Jan 2023
- 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
- 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

Associate Analyst

Aug 2021 – Dec 2021

Rudder Analytics

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.

Machine Learning Intern

Jun 2019 – Jul 2019

Smartbridge Educational Services

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

EDUCATION

University of Edinburgh

M.Sc - Data Science

Edinburgh, UK
Sep 2023 – Aug 2024

- 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

Bachelor of Technology (B.Tech) - Information Technology

Salem, India
Aug 2017 – May 2021

- 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

PROJECTS

Amazon Review Sentiment Analysis App

Natural Language Processing (NLP)

Python, Hugging Face Transformers, Gradio, pandas

- Built an interactive sentiment analysis application for Amazon product reviews
- Integrated a Hugging Face RoBERTa model to classify reviews as positive, negative or neutral
- Enabled both single review input and CSV file upload with downloadable predictions using Gradio
- Deployed the application to Hugging Face Spaces for public access

Sample Superstore Business Dashboard

Data Visualization & Business Intelligence

Tableau

- Designed and developed an interactive Tableau dashboard using the Sample Superstore dataset
- Created KPIs to track sales, profit, and order trends across regions, categories, and time periods
- Implemented filters, parameters, and drill-downs for improved interactivity and insights
- Published the dashboard to Tableau Public for online access and sharing

Churn Prediction Model

Predictive Analysis

Python, pandas, scikit-learn, XGBoost, matplotlib, seaborn

- Built a classification model to predict customer churn with 80%+ accuracy using gradient boosting techniques
- Conducted feature engineering and preprocessing on 5K+ customer records
- Evaluated performance with confusion matrix and ROC-AUC score

Qlik Analysis of Road Safety in India

Data Visualization & Analytics

Qlik Sense

- 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

CERTIFICATIONS

- Google Data Analytics - Google on Coursera
- Tableau Desktop Specialist
- Microsoft Certified: Azure Data Fundamentals
- Microsoft Certified: Azure AI Fundamentals
- Microsoft Certified: Azure Fundamentals
- Microsoft Technology Associate: Introduction to Programming using Python