

Sumanth Raj S

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PROFESSIONAL SUMMARY

EDUCATION

Bachelor of Engineering (Information Science and engineering) National Institute of Engineering (NIE), Mysore, Karnataka	2016 - 2020 Grade: 8.7/10.0
Intermediate (Class XII) Expert PU College, Mangalore, Karnataka	2015 - 2016 Grade: 93.16%
Matriculation (Class X) Vijaya High School, Hassan, Karnataka	2013 - 2014 Grade: 96.32%

EXPERIENCE

Application Development Associate November 2020 - November 2021
ACCENTURE *Remote*

- Migrated 15+ Java applications from IBM Bluemix to Microsoft Azure, refactoring codebases for cloud compatibility and enhancing overall performance.
- Integrated databases; configured Kafka to enable seamless, event-driven data flow during the cloud migration process.

PROJECTS

- Bank CRM Analysis - Power BI** ([Github](#)) ([Demo](#)) June 2025
Built a **dynamic Power BI dashboard** analyzing churn rate across **10,000+ bank users** using tenure, geography, and engagement metrics. Used **DAX, SQL** and segmentation logic to identify high-risk profiles and suggest retention strategies.
- Chinook Music Store Analysis - SQL** ([Github](#)) ([Demo](#)) March 2025
Queried 11+ interrelated tables covering 53 cities, 24 countries, and 25 music genres using SQL joins and window functions for customer segmentation, top-genre insights, churn patterns, and customer lifetime value, enabling market-driven decision-making. Built reusable SQL templates and Power BI visuals to support retention strategy and genre-focused marketing.
- Zomato Restaurant Expansion Analysis - Excel** ([Github](#)) ([Demo](#)) February 2025
Analyzed restaurant data across **15+ countries** to identify ideal expansion markets using KPIs like ratings, pricing, and delivery availability. Built an **interactive Excel dashboard with slicers and visualizations** to compare underpenetrated cities and support data-backed market entry decisions.

CERTIFICATIONS

- SQL (Basic, Intermediate, Advanced) Certificate** HackerRank ([Link](#)) May 2025
Cleared HackerRank SQL Basic, Intermediate and Advanced, demonstrating strong data querying and optimization skills
- Professional Certificate Course in Data Science** Newton School ([Link](#)) January 2025
Completed advanced modules in **Excel (dashboards, lookups, pivots), SQL (joins, CTEs, window functions), Power BI (DAX), and Python (NumPy, Pandas, Matplotlib, Seaborn, BeautifulSoup, regex)** with hands-on, project-based learning including **web scraping**. Currently advancing into **Machine Learning, Deep Learning, Statistics, and Model Deployment** to enable predictive analytics and scalable data solutions.

SKILLS

Computer Languages: Python, SQL

Data Tools: Power BI, NumPy

Software Packages: Pandas, Matplotlib, Excel, MySQL

Soft Skills: Time management, Responsibility, People skills, Communication Skills

Others: Microsoft Office, Spreadsheet, Analytics