

SHAIK RESHMA

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[Portfolio](#) [LinkedIn](#) [GitHub](#)

SUMMARY

Analytical and detail-oriented Software Engineer specializing in data analytics, SQL querying, and cloud-based data systems. Proficient in ETL processes, report automation (Excel Macros/VBA), and developing interactive dashboards for actionable insights. Skilled in log analysis, data cleaning, and performance optimization to enhance business intelligence. Strong collaborator, delivering accurate, timely, and business-focused data solutions.

INTERNSHIP

AWS Cloud Virtual Internship – (December 2022 – February 2023)

WORK EXPERIENCE

Software Engineer – Google (On-site)

Movate Technologies | July 2024 – Present

- Designed & automated business reports using Power BI, Excel (Power Query, PivotTables, VLOOKUP), SQL (joins, aggregations, subqueries), and Python (Pandas, Matplotlib, NumPy) for data cleansing, transformation, and visualization.
- Provided cloud infrastructure support for AWS (EC2, S3, IAM, CloudWatch) and GCP, resolving issues related to access control, authentication failures, and performance optimization.
- Managed ITSM & Incident Response via Jira and ServiceNow, ensuring SLA compliance, ticket triaging, escalation, and collaborating with DevOps for root cause analysis (RCA).
- Enhanced security & compliance through log monitoring, patch management, access control enforcement, and audit readiness aligned with ITIL, ISO 27001, and SOC 2 standards.

EDUCATION

Bachelor of Technology in Computer Science and Engineering

2020-2024

Pace Institute of Technology & Sciences | CGPA : 8.94

Higher Secondary Education - MPC

2018-2020

Narayana Junior College | CGPA : 9.63

Secondary School Certificate (SSC)

2017-2018

Narayana Junior College | CGPA : 10

PROJECTS

Smart Production Insights: BI & Analytics for a Bike Manufacturer

Tech Stack: Python, Pandas, NumPy, Matplotlib, SQL, Power BI, Excel (Power Query, PivotTables)

- Designed and implemented an end-to-end data analysis pipeline for a manufacturing company to improve supply chain efficiency and production planning.
- Extracted and transformed raw sales and inventory data using SQL queries and Python (Pandas, NumPy) for advanced data cleaning and preprocessing.
- Built interactive Power BI dashboards to visualize KPIs such as production trends, inventory turnover, and sales performance by region.
- Conducted trend analysis and forecasting to identify demand patterns, leading to improved inventory management and reduced overproduction.
- Delivered data-driven insights that contributed to a 15% improvement in operational efficiency and reduced decision-making time for management.

PCOS Detection: A Feature-Rich Reproductive Health ML Model

Tech stack: Machine Learning | Python, Pandas, Scikit-learn, Matplotlib, Flask

- Developed a machine learning-based diagnostic model to predict Polycystic Ovary Syndrome (PCOS) using patient health metrics and reproductive indicators.
- Engineered and preprocessed multi-dimensional healthcare datasets to improve model accuracy and reliability.
- Implemented multiple algorithms (Random Forest, Logistic Regression, Decision Trees) and optimized hyperparameters for better predictive performance.

SKILLS

- **Programming & Data Analytics:** Python (Pandas, NumPy, Matplotlib), SQL, Excel (Advanced Functions, PivotTables, Macros/VBA), Power BI, ETL, Data Cleaning & Transformation, Basic Statistics.
- **Cloud & Infrastructure:** AWS (EC2, S3, IAM, VPC, CloudWatch), GCP (Monitoring, IAM), Scalability, High Availability, Fault Tolerance.
- **Operating Systems:** Linux (CLI, Scripting, Permissions).
- **IT Operations & Security:** Active Directory, Incident & Change Management (Jira, ServiceNow), Log Analysis, Network Fundamentals (DNS, DHCP, IP Addressing, OSI Model), Security & Compliance.

CERTIFICATIONS

- MongoDB Data Modeling
 - IBM Certified: Data Science
 - Cisco Certified: Data Analytics Essentials
 - Cisco Certified: Programming in Python
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