Shaik Mohammad Yunus

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PROFESSIONAL SUMMARY

Data analyst with hands-on experience at NVIDIA and Cautio across SQL, Python, Power BI and ETL automation. Strong in KPI design, data validation and stakeholder-facing reporting, backed by Azure and Oracle cloud certifications and applied ML research.

EXPERIENCE

Data Specialist | NVIDIA, Bengaluru, India *Oct 2026 – Present*

- Analyzed 500K+ GPU telemetry and performance records using Python and SQL, identifying utilization trends that improved resource allocation efficiency by 40%.
- Built 10+ executive-facing Power BI dashboards tracking GPU cluster KPIs and pipeline throughput, reducing reporting turnaround time by 38%.
- Automated data validation and ETL pipeline monitoring, saving 12+ hours per week and lifting data accuracy to 99.4%.

Data Analyst | Cautio, Bengaluru, India *Jun 2026 – Oct 2026*

- Analyzed 250K+ operational records with SQL and Python to surface trends, cutting manual reporting effort by 45%.
- Designed 8+ interactive Power BI dashboards for KPI tracking, reducing decision-making time by 35%.
- Partnered with 5+ cross-functional teams to turn business requirements into data solutions, improving project delivery timelines by 20%.
- Ran root-cause analysis on operational bottlenecks and recommended process changes that raised workflow efficiency by 25%.

Business Analyst Intern | LaunchED Global, Bengaluru, India *Mar 2026 – May 2026*

- Built Meraki dashboard policy-management features using React/Redux and Ruby on Rails.
- Analyzed 50K+ customer and business records, improving reporting accuracy by 30%.
- Created 5+ Power BI and Excel dashboards and automated SQL/Excel reports, cutting manual report time by 40%.
- Documented 20+ business requirements with product and engineering teams and supported Agile sprint delivery.

Software Engineering Intern | Board Infinity, Remote, India *Jun 2024 – Aug 2024*

- Solved 150+ DSA problems in C++ and built 10+ console applications using OOP, file handling and STL.
- Optimized algorithm implementations, reducing average execution time by 35%.
- Completed 15+ Git-based code reviews while following Agile practices.

PROJECTS

Character-Aware Neural Language Model | PyTorch, NLP *Sep 2023 – Dec 2023*

- Built a character-level neural language model with Highway and convolutional blocks, evaluated on the UD EWT corpus.
- Achieved a 3% perplexity reduction versus same-size SOTA models on unseen words.

Transformer & Sentiment Model for Algorithmic Trading | PyTorch, R, Flask, Go, React, AWS *Nov 2022 – Present*

- Applied Time-LLM and sentiment analysis on news headlines to interpret market behavior; back-tested strategies in R.
- Served predictions through Flask and Go REST APIs to a React front end, with the model hosted on AWS SageMaker and scheduled market-data refreshes.

TECHNICAL SKILLS

Languages: Python, SQL, C++, R, Go, JavaScript
Analytics & BI: Power BI, Tableau, Excel, MySQL, ETL Pipelines, Data Modeling, KPI Design, Git, Agile
ML & Cloud: PyTorch, NumPy, AWS (EC2, SageMaker), Azure, Oracle Cloud, Docker

EDUCATION

Lovely Professional University, Phagwara, Punjab *Aug 2026*
B.Tech, Computer Science (Hons.) – Data Science/ML Focus, Minor in DevOps | CGPA: 7.15
Coursework: Data Structures, Algorithm Design & Analysis, Machine Learning, Computer Networks, Computer Vision, NLP

CERTIFICATIONS & LEADERSHIP

- Microsoft Certified: Azure AI Fundamentals (AI-900) | Cert. No. 0149E9-C1D764
- Oracle Cloud Infrastructure (OCI) Certified | ID 103384942OCI25FNDCFA
- Chief Technology Officer, Live Life Organization
- Published 3 mobile apps on Google Play Store / Amazon Appstore

PUBLICATIONS

- Shaik, S. M. Y. (2026). *Design and Implementation of a Scalable Serverless Framework for Event-Driven Applications: Performance and Cost Efficiency Analysis.* IJSREM, Vol. 10, Issue 02. Accepted, Feb 2026.
- Shaik, S. M. Y. (2026). *The Compute Horizon: Inference-Time Scaling and the Architecture of Reasoning AI.* JCTSA. Submitted.