

Someshkumar Srihari Hemanthkumar

somesh1st@gmail.com | +1 (361)-455-5073 | LinkedIn | Github

Education

Texas A&M University Master of Science in Computer and Information Science, GPA: 3.9/4.0	Kingsville, TX, USA May 2024 – December 2025
Visvesvaraya Technological University Bachelor of Engineering in Computer Science, GPA: 3.6/4.0	Bengaluru, KA, India August 2019 – May 2023

Technical Skills & Certifications

Languages & Databases: Python(Pandas, NumPy, Scikit-Learn), SQL, Java, MySQL, PostgreSQL, MongoDB
BI/Analytics Tools & Cloud Platforms: Power BI, Tableau, Excel, Looker, IBM Cognos, Jupyter, GCP, AWS, Azure
Data Engineering & Tools: PySpark, Spark, Hadoop, Airflow, Snowflake, Git, Agile, QGIS
Certifications: Microsoft Power BI Data Analyst Associate, GCP Associate Cloud Engineer

Work Experience

Data Analyst & Engineering Intern , Bay Ltd. – Texas	May 2025 – Present
<ul style="list-style-type: none">Developed and maintained 5+ advanced Power BI dashboards (credit analysis, fraud analysis, recurring transactions), improving data transparency and decision-making across departments.Automated reporting workflows using Power Query, DAX, and data modeling, reducing manual effort by 40% and increasing reporting efficiency.Validated data across ERP and IBM Cognos systems, collaborated with stakeholders on KPI design, and delivered insights that supported audit readiness and strategic initiatives.	
Graduate Research Assistant , Texas A&M University – Kingsville, TX	June 2024 – Present
<ul style="list-style-type: none">Led data collection and analysis for an economic forum focused on Texas and the U.S. economy using survey-based research.Organized the university’s Banking & Business Expo, mapping students to employers based on skills.Conducted banking desert research using QGIS and census-based GIS data, contributing to a statewide financial inclusion initiative.	
Fellow – Forward Program , McKinsey & Company – Remote	April 2025 – July 2025
<ul style="list-style-type: none">Developed skills in problem-solving, stakeholder engagement, and digital collaboration.	
Data Analyst , Prime Connexar – Bengaluru, India	June 2022 – July 2023
<ul style="list-style-type: none">Developed Python-based credit risk models that improved risk assessment accuracy by 35%.Delivered insights from structured and unstructured data, resulting in a 46% efficiency boost.Automated data workflows and contributed to decision-making through detailed analysis and visualization.	

Project Experience

Real-Time Financial Transactions Pipeline (GCP)	View Project
<ul style="list-style-type: none">Built an end-to-end data pipeline simulating financial transactions using Pub/Sub → Cloud Functions → BigQuery → Looker dashboards.	
Fraud Detection and Customer Insights Dashboards	View Project
<ul style="list-style-type: none">Built 3 dashboards analyzing 2,500+ transactions using derived metrics like Risk Score and Transaction Gap. .Enabled real-time fraud detection and account risk analysis through dynamic visualizations and custom business logic.	

Research & Academic Projects

Master’s Thesis – Cloud Computing Researching techniques to reduce cold start latency in AWS Lambda using in-memory and external Redis caching methods.	Texas A&M University–Kingsville
Graduate Research Assistant Projects	Texas A&M University–Kingsville
<ul style="list-style-type: none">Analyzed regional economic data for the Economic Forum using structured survey research.Mapped banking deserts in Texas using QGIS and U.S. census block group data.Investigated CPA exam pass rates across ethnic groups to identify academic performance gaps.	