

# Someshkumar Srihari Hemanthkumar

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

## Professional Summary

Cloud Engineer with hands-on experience in AWS, GCP, and Azure, specializing in building and deploying cloud-native infrastructure, ETL pipelines, and serverless applications. Strong background in DevOps automation, data engineering, and analytics, gained through industry internships, graduate research, and cloud projects. Certified in Google Cloud Associate Cloud Engineer with 2+ years of applied cloud experience. Passionate about designing secure, scalable, and cost-efficient cloud solutions that support data-driven decision-making.

## Education

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

## Technical Skills & Certifications

**Cloud Platforms:** AWS (EC2, Lambda, Glue, S3, RDS, CloudWatch), GCP (BigQuery, Cloud Functions, Pub/Sub, Dataflow), Azure (Synapse, ADF, VMs)  
**Infrastructure & Data Engineering:** Terraform, Ansible, Docker, Kubernetes, Git, CI/CD (Jenkins, GitHub Actions); ETL/ELT, Airflow, Redshift, BigQuery, Spark, Hadoop  
**Programming & Analytics:** Python, Bash, SQL, Java; Monitoring & Security (Splunk, GuardDuty, Security Hub, IAM Policies); BI Tools (Power BI, Tableau, Looker Studio)  
**Certifications:** Google Cloud Associate Cloud Engineer

## Work Experience

<b>Graduate Research Assistant</b> , Texas A&M University – Kingsville, TX	June 2024 – Present
<ul style="list-style-type: none"><li>Built scalable survey analytics pipelines in Python/SQL for economic research spanning 1,000+ records per project.</li><li>Conducted geospatial analysis of banking deserts using PostgreSQL + QGIS, influencing regional financial inclusion research.</li><li>Supported serverless research thesis on cold-start latency in AWS Lambda, evaluating Redis caching vs. no-cache solutions.</li></ul>	
<b>Business Intelligence Analyst Intern (Summer Intern)</b> , Bay Ltd. – Texas	May 2025 – August 2025
<ul style="list-style-type: none"><li>Partnered with finance teams to build budget tracking dashboards in Power BI, improving reporting turnaround time by 25%.</li><li>Performed quarterly variance analysis on operational costs, enabling leadership to reallocate \$1.2M in budget effectively.</li><li>Developed SQL-driven models to monitor recurring charges and improve forecasting accuracy.</li><li>Collaborated cross-functionally with Finance and IT stakeholders, ensuring data consistency and integrity across systems.</li></ul>	
<b>Fellow – Forward Program</b> , McKinsey & Company – Remote	April 2025 – July 2025
<ul style="list-style-type: none"><li>Developed skills in problem-solving, stakeholder engagement, and digital collaboration.</li></ul>	
<b>Data Analyst</b> , Prime Connexar – Bengaluru, India	June 2022 – July 2023
<ul style="list-style-type: none"><li>Developed Python-based credit risk models analyzing 100K+ loan records, improving decision accuracy by 25%.</li><li>Automated reporting pipelines in SQL + Excel VBA, reducing manual reporting time by 60%.</li><li>Built ETL workflows with Snowflake and MySQL for structured and unstructured client data ingestion.</li><li>Collaborated with stakeholders to design financial KPIs and dashboards used for client credit risk strategies.</li></ul>	

## Project Experience

**Dynamic PHP Website Deployment (AWS Elastic Beanstalk)**  
Designed and deployed a scalable full-stack PHP-based web application on AWS Elastic Beanstalk, integrating automated CI/CD pipelines with GitHub and Jenkins for seamless updates. Implemented load balancing and environment configuration for high availability and reliability. Optimized deployment workflows and monitoring processes, reducing release cycle time by 40

**Real-Time Financial Transactions Pipeline (GCP)**  
Simulated streaming ingestion of financial transactions using Pub/Sub + Dataflow, processed into BigQuery, and visualized with Looker Studio and designed for real-time fraud detection and compliance analytics.

**CloudUploader CLI - Cloud Engineering Project**  
Developed a Bash-based CLI tool to automate file uploads to AWS S3, Google Cloud Storage, and Azure Blob. Implemented multi-cloud support, secure credential handling, showcasing DevOps automation and cloud scripting capabilities.