

TARUN GURUVELLI

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OBJECTIVE

Data-driven student pursuing Integrated MTech in Computer Science with strong skills in Data Analysis, Cloud Computing, and Statistical Methods. Experienced in building cloud-based data pipelines and analytics solutions on AWS. Seeking a Data Science internship to apply analytical techniques, automate data workflows, and contribute to data-driven decision-making.

WORK EXPERIENCE

Software Engineering Intern — Valiqor

Dec 2025 – Present

Trace Testing — Test Automation — CI/CD

- Implemented automated unit and integration tests for trace-processing pipelines, improving test reliability and coverage.
- Built CI workflows using GitHub Actions to validate trace data and automate test execution on every commit.
- Added multiple test cases and fixed critical bugs, reducing manual trace validation and CI failures.
- Authored contributor documentation and scripts to streamline local test execution and developer onboarding.

SKILLS

Programming Languages

Python, R, SQL

Data Science

Data Cleaning, Feature Engineering, Model Evaluation, Statistical Analysis

Technologies

Docker, Linux, REST APIs, Bash/Zsh, Streamlit, Tableau/Power BI

Libraries

NumPy, Pandas, Matplotlib, Seaborn, scikit-learn, PyTorch

Cloud

AWS (S3, Lambda, SageMaker, Rekognition, Step Functions, API Gateway)

Tools

Git, GitHub, Jupyter Notebook, VS Code

Soft Skills

Leadership, Problem Solving, Communication

EDUCATION

Bachelor of Computer Science, VIT Chennai

2022 - 2027

CGPA: 8.3/10.0

12th, Sri Sanjivini College

2019 - 2021

Marks: 955/1000

10th, Sri Chanukya School

2015 - 2019

CGPA: 10.0/10.0

PROJECTS

AWS Attendance Automation (Cloud + OCR) – [Project Link](#)

Developed a serverless attendance system that extracts student names and registration numbers from ID-card images using AWS Textract, reducing manual processing time by 90%. Automated CSV report generation, secure authentication, and cloud storage using AWS Amplify, Lambda, API Gateway, Cognito, and S3.

Tech: Python, AWS Lambda, Textract, S3, API Gateway, Cognito, Amplify

Customer Behavior Analytics Pipeline (Cloud Data Engineering)

Built an automated cloud analytics pipeline to ingest, clean, and transform customer behavior data, generating insights that improved retention and engagement reporting by 40%.

Tech: AWS S3, AWS Glue, AWS Athena, AWS Lambda, QuickSight, SQL, Python

Financial Data Warehouse & KPI Dashboard (Cloud Analytics)

Designed a cloud-based financial warehouse consolidating billing and transaction data, enabling 100% automated KPI reporting and reducing manual analysis time by 75%.

Tech: Google BigQuery, Cloud Storage, Cloud Functions, Cloud Scheduler, Looker Studio, SQL

Enterprise Log Analytics & Insights System (Cloud ETL)

Developed a scalable log analytics system processing over 5M+ log entries daily to identify performance bottlenecks, improving incident response visibility by 60%.

Tech: Azure Data Lake, Azure Databricks, Azure Synapse, Power BI, Event Hub, Spark

LEADERSHIP ROLES

- **Secretary, NSS VIT Chennai (2024 - Present):** Elected as Secretary to oversee operations, coordinate events, and lead community service initiatives for a team of 100+ members.
- **NSS Parade Commanding Officer (2023-2024):** Led a team of 40+ members, organizing parade activities.
- **Student Coordinator**
 - **Workshop on Angular, Techno VIT:** Coordinated a workshop with 75+ participants.
 - **Workshop on GoLang, Techno VIT:** Organized a workshop for 55+ participants.
 - **National Youth Day Event:** Managed a large-scale event for 200+ participants.

CERTIFICATIONS

- **AWS Certified Cloud Practitioner** – [View Credential](#)
- **AWS Machine Learning Foundations** – [View Credential](#)
- **Supervised Machine Learning** – [View Credential](#)
- **Complete AI Machine Learning, Data Science Bootcamp** – [View Credential](#)