

Sripal Gurijala

Backend engineer with 5+ years building production services and data systems across payments and education. Focused on reliability, clean service design, and performance under real traffic.

CONTACT

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-  Dublin, Ireland
-  Sripal Gurijala
-  QuestyQ

SKILLS

- Programming

Java

ADVANCED

SQL

ADVANCED

Python

INTERMEDIATE

R

BEGINNER
- Data Engineering

Snowflake

ADVANCED

Databricks

INTERMEDIATE

Dataiku

INTERMEDIATE

ETL Pipelines

ADVANCED

Data Validation

ADVANCED
- Backend & APIs

Spring Boot

ADVANCED

REST APIs

ADVANCED

Microservices

ADVANCED

Django

BEGINNER
- Analytics

Power BI

ADVANCED

Data Analysis

INTERMEDIATE
- Tools

Git | Jira | Jenkins | Maven | SonarQube |
Monitoring/Logging

CERTIFICATES

- Dataiku Advanced Designer

Dataiku • 2024
- Dataiku ML Practitioner

Dataiku • 2024
- Edureka Java & Angular

Edureka • 2021

ACTIVITIES

- Toastmasters Level 1
- Workshop Assistant
- Student Volunteer

INTERESTS (TECHNICAL)

- Distributed Systems
- ML Engineering
- Data Pipelines

WORK HISTORY

-  05/2023 - 07/2025

 Edodwaja, Hyderabad, India

SWE II / Backend Engineer

Project goal: Interpretable, data-driven analytics pipeline to predict student attrition, automate reporting, and enable self-service visibility for educators.

- SnowflakeDatabricksDataikuPythonPower BIElcelGitJira

- Built production data workflows across Snowflake/Databricks/Python to support predictive analytics, reliable reporting, and self-service insights for academic stakeholders.
 - Designed automated validation checks and monitoring to reduce manual QA by ~3 hours/day and improve data readiness for reporting by ~40%.
 - Troubleshoot cross-platform issues using logs, SQL analysis, and validation scripts to restore broken pipelines and prevent recurring failures.
 - Authored documentation and training guides that improved dashboard adoption and reduced support queries from non-technical users.

-  05/2020 - 05/2023

 Ivy Comptech, Hyderabad, India

Senior Software Engineer

Project goal: Scalable, event-driven transaction and engagement platform supporting real-time workflows, campaigns, and experimentation-driven improvements.

- JavaSpring BootREST APIAWSMySQLGitDockerJenkins

- Built and operated latency-sensitive microservices supporting high-throughput real-time transaction workflows, working within tight performance and reliability constraints.
 - Designed and improved REST APIs and backend components in Java/Spring Boot, improving service robustness through better failure handling and observability.
 - Developed an internal log-to-summary assistant using LLMs and retrieval over runbooks to accelerate incident triage and reduce repetitive debugging during production issues.
 - Developed internal automation and data-access tools that reduced operational overhead and improved cross-team visibility.

EDUCATION

-  09/2025 - 09/2026 (Expected)

 University College Dublin, Ireland

MSc Data & Computational Science

Modules: Machine Learning, High Performance Computing, Statistical Methods, Algorithms, Numerical Computation.

-  Undergraduate

MRCET, India

B.Tech (ECE)

Electronics & Communication Engineering, CGPA: 8.27 / 10

ACHIEVEMENTS

-  Awarded multiple performance recognitions at Ivy Comptech.
-  Supported key automation tasks in ongoing team workflows.
-  Recognised for dependable delivery on critical engineering tasks.
-  Solved 140+ medium LeetCode problems (97th percentile, 400+ total).

PROJECTS (SELECTED)

- Analytics Ingestion & Data Quality Platform (Snowflake/Databricks).** Implemented ingestion and validation workflows with automated data-quality checks and backfill support, improving reporting readiness and reducing manual QA.
 - Event Processing Microservice (Java/Spring Boot).** Designed a transactional service with idempotent APIs, clear failure handling, and basic observability (logs/metrics) to support stable low-latency processing.