

Gautham Kolluru

GitHub | LinkedIn | Stack overflow | Hacker Rank

Mob: +1 240-639-9934 | Email: gautham.kolluru@gmail.com | Website: thegauthams.com

Summary

Love **solving problems** *in* consuming data (*Data Engineering*) and **by** consuming data (*AI/Data Science*) using **Programming** and **Mathematics**, along with learning new technologies and implementing them in building & optimizing systems & solutions.

Skills

Programming Languages: **Python, Java, Rust, SQL, Bash**

Cloud & Bigdata: **Google Cloud Platform (GCP), Hadoop, Spark, Snowflake, Airflow**

Others: Can **RTMD** (Read the Manual & Develop)

Experience

Data Engineer, Cisco; Raleigh, NC, USA — 2021-Present

- Building a customer specific **router config automation** using Python
- *Designed and developed data pipelines* providing data to Cisco's internal *RAG based LLM chatbot*
- Built multiple data systems that could retrieve and process **4GB - 12GB** of data once **every 15 mins**
- Built a completely **modular statistical analysis** module identifying threats from a time based collection of transactions

In building above systems, worked on various Cisco's products including Routers, Firewalls and automation tools like WAE and NSO and with some customer tools like on-prem Cloudera systems.

Data Engineer, 84.51o; Cincinnati, OH, USA — 2020-2021

- Built a data pipeline that executes **20 billion rows with 20 columns of data and 40 steps of transformations in about 23 mins** for a major retail company for finding offer applicability for a customer ### Data Engineer, Cisco; Bengaluru, KA, IND — 2019-2020

Built batch processing data pipelines *executes twice weekly handling incremental updates* to move data between:

- Smartsheet to GCP Dataprocs
- GCP Dataprocs to Snowflake
- GCP Dataprocs to GCP Dataprocs

NLP Engineer, Cisco; Bengaluru, KA, IND — 2019-2020

Developed a chatbot that interacts with the user as first point of contact and transfers the conversation to a specific bot (with the context) for the specific resolution.

Consultant, Talent Sprint; Hyderabad, TG, IND — 2018-2019

Developed and deployed a *data science model* that suggests the optimized arguments for the execution parameters of the task at hand.

Software Engineer, Global Data; Hyderabad, TG, IND — 2018-2018

Automated 2 data pipelines involving extraction of data from multiple sources including **HTML and XML pages & HTTP and FTP** servers and loading onto **on-prem SQL Servers** after required cleanings and transformations.

Implemented changing proxies and leveraged on multi-processing execution and runs thrice weekly on multiple machines

Software Developer, Invincible Software Solutions Integrated; Visakhapatnam, AP, IND — 2017-2018

Developed **Backend and Database** for **12** web applications. Built descriptively analyzed data visualization reports using **Tableau** (& **SSRS**) for *USA based federal* clients.

Project Engineer, Royal Oman Police; Muscat, OM — 2013-2015

Designed and developed database for Speed Cameras and developed *automated transfer of data* from the *primary (OLTP)* servers to *secondary (OLAP)* servers.

Automation Engineer, Mott MacDonald; Abu Dhabi, UAE — 2009-2012

- Implemented automation multi-threaded document pooling using string search across systems from different geographies
- Automated emails sends to a list of email address with the above found documents as attachments

Education

Andhra University, Visakhapatnam, AP, IND — B. Tech (**Computer Science Engineering**), 2009