

Gautham Kolluru

GitHub | LinkedIn | Stack overflow | Hacker Rank

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Career Objective

I love **solving problems *in* consuming data** (*Data Engineering*) and **solving problems *by* consuming data** (*AI/Data Science*) using **Programming** and **Mathematics**.

Skills

Programming Languages: **Python, Java, JavaScript, Rust, SQL, Bash, C, C++, BASIC**

Databases: **SQL Server, Mysql, SQLite3, Postgresql, MongoDB**

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

AI/ML (& related): **Scikit-Learn, TensorFlow, DialogFlow, RASA, Matplotlib, Seaborn**

Operating Systems: **Unix (macOS), Linux & Windows**

Experience

Sr. Data Engineer, 84.51; Cincinnati, OH, USA — 2020-Present

Built an automated system around a *data science* model that fetches data from multiple sources, aggregates, transforms, fed to the model for prediction and the resulting data is written on to the target location.

- Developed the workflows using Python and Airflow
- Developed the data jobs using Pyspark

Executes 20 billion rows with 20 columns and 40 steps of transformation in about 23 mins

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

Automated data pipelines involving data transformations and migrations between various storage services

- Smartsheet to Hadoop (on GCP)
- Hadoop (on GCP) to Snowflake
- Hadoop (on GCP) to Hadoop (on GCP)

Each script executes twice weekly handling incremental updates

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.

Implemented context transfers between the bots

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

- Automated various compliance checks pertaining to water treatment plants
- Implemented monitoring services for detecting adverse values
- Automated reporting to the chain in command via emails

Education

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