

# Sai Gautam Kolluru

## Software Engineer

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### Sai Gautam Kolluru

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### Skills

I'm interested/excited/enjoy working with **Python** and **Data** (Data Science and Machine Learning) and carry around **4 Years** of experience in Automation, Scraping, Numpy, Pandas, Machine Learning and more from the Python family and MSSQL, MYSQL, Sqlite3 from the Databases family. I'm Excited to work in logical/analytical problem solving environments. I can work efficiently on the below mentioned technologies.

**Machine Learning:** Scikit Learn

**Data Processing / Analysis / Visualisation:** Numpy, Pandas, Matplotlib, Seaborn

**Programming:** Python, Java, JavaScript, ColdFusion

**Shell Scripting:** PowerShell

**Database:** SQL Server, MYSQL, Sqlite3, MongoDB

**Python Frameworks:** Scrapy, Django

**Packages:** Numpy, Web Scraping (BeautifulSoup, GoogleScraper, newspaper3k, lxml etc...), Pandas

**Database Reporting Tools:** SQL Server Reporting Service, Tableau

**Web UI:** CSS, Bootstrap

**Mark-up:** HTML, CFML, XML, TOML, YAML

**Markdown:** Python, Pandoc

**IDE & Text-Editor:** PyCharm, VS Code, Anaconda (Jupyter), Google Colaboratory, VIM, Adobe Dreamweaver, Eclipse, Sublime Text, Atom, Brackets, Notepad++

**Version Control:** GIT & GitHub, Subversion Networks (SVN)

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## Experience

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### Talent Sprint/ Consultant - Delivery

December 2018 - PRESENT, Hyderabad

Analysing and visualising data and providing useful and game changing insights to improve the overall performance of the organisation.

Train corporates' new recruits on Machine Learning

### Global Data/ Software Engineer

August 2018 - December 2018, Hyderabad

Developed multiple automation scripts in python to pull xml.gz files from ftp and HTML files, parse the contents and save the contents in the DB without having repetitions and scheduled their execution using PowerShell.

Developed automation scripts in python to transfer data from one DB to another DB with different structures.

### Invincible Software Solutions India Pvt. Ltd / Software Developer

December 2016 - July 2018, Visakhapatnam

Developed about 12 web applications using Coldfusion and Microsoft's SQL Server with bootstrap 3 for the responsive UI.

Developed SSRS & Tableau reports with descriptive analysis for 3 projects.

Trained the in-house team on Python

### Coding Sastra / Python Consultant

January 2017 - Present, Visakhapatnam/Hyderabad

Introduced the Python course at the institute and curated the contents.

Conducted workshops on Python on behalf of the institute.

### Pythonworkshops.com / Python Trainer

January 2018 - Present, Visakhapatnam/Hyderabad

Conducted a 2-day workshop in association with **Andhra Pradesh Startup Society** (as part of a Startup Initiative) on 'Introduction to Programming with Python'

### Chegg.com / Python Trainer

November 2015 - November 2016, Visakhapatnam/Hyderabad

Trained students on Chegg's dedicated portal on Python and Core Java technologies.

## **Trifoil LLC / Project Engineer**

February 2013 - October 2015, Muscat

Developed Database system for the Speed Radar System for the Royal Oman Police (client) and developed python scripts for Descriptive Data Analysis of the data generated.

Major project and client being the installation of Speed Radar Systems for the Royal Oman Police apart from which 14 other projects of system integration involving IPTV systems and Structured Cabling were handled.

## **Mott MacDonald / Automation Engineer**

September 2009 - April 2012, Abu Dhabi

Consulting engineer for automating the Waste Water Treatment Plant at Yas Island, Vacuum Sewer System at Al Gurm Resort and Pumping Station at Emirati Housing Society - Phase 1.

Helped the organisation internally in automatically arranging the department's files and folder by developing automation scripts in python and using *Shell Utilities* and OS modules.

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## **Education**

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## **Andhra University / Bachelor of Technology - Computer Science & Engineering**

June 2005 - May 2009, Visakhapatnam, Andhra Pradesh

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## **Interests**

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Functional Programming

Design, development and implementation of algorithms

Machine Learning, Deep Learning (Artificial Neural Networks (ANN), Convolutional Neural Networks (CNN), Recurrent Neural Networks (RNN))

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**Online**

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<https://github.com/gauthamkolluru/>

<https://www.linkedin.com/in/gautamkolluru/>