

SATYAM GOVILA

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WORK EXPERIENCE

- **Concirus Pvt Ltd** Full-time
Data Engineer(SDE-2) July 2019 - Present
 - **Data Engineering:** Worked on building various ETL pipelines, APIs for various clients, developing machine learning models, end-to-end model and database deployment, and other data engineering task
 - **REST API for Discussion Forum:** Symphony & Twig based Forum parts converted to API-first interface.
- **AAIC Technologies Private Limited, www.appliedroots.com** Remote
Mentor, AI and ML (Part-time, Contractual) July 2019 - Present
 - **Role:** Responsible for holding project sessions, monitoring discussion groups and grading submissions.
- **Remedo Clinitech Pvt. Limited, New Delhi** Intern
Front End Developer June 2017 - July 2017
 - **Role:** On-site internship under a leading health-tech startup, worked on web automation and data analytics using Javascript and Python

EDUCATION

- **University of Hyderabad**
PGD - Machine Learning and AI February 2021 - April 2022
Courses: Data Structures, Analysis Of Algorithms, Deep Learning, Machine Learning, Networking, Databases
- **ZHCET, Aligarh Muslim University**
Bachelor of Technology - Electronics Engineering July 2015 - July 2019
Courses: Discrete Mathematics, Signals and Processing, Logic Systems, Networking, Databases

PROJECTS

- **Prediction of Defaulters in Banking organisations using different ML techniques:** Building a ML model using attributes such as general profile and historical records of a borrower to predict whether one is likely to have serious delinquency in the next 2 years. Tech: Python, ML, Model Monitoring
- **Developing Website Monitoring Sytem Architecture using AWS:** To analyse the Real-time log data using the visualization web app by using multiple data streaming and processing technologies.Tech:Python ,Docker , Apache Spark, Apache NiFi, Apache Kafka, Plotly
- **Real Time Log Data Analytys using Lambda Architecture , Spark and Kafka:** Built an AWS architecture of real time website monitoring system that provides functionality to test availability and performance of website by streaming and analysing logs, and trigger Lambda in case of any event.Tech: Python, AWS services- Kinesis , Lambda , Aurora , Dynamo DB , SNS
- **Designing and building Pipeline for Auto Reply Twitter Application using LSTM :** To design and develop a deep learning application that automatically replies to query-related tweets with a trackable ticket ID generated based on the query category predicted using deep learning models. The whole pipeline is automated with tweepy API and Big Data techniques with final deployment on AWS.Tech: Python, Kafka , Spark Streaming , Flask ,Deep Learning, AWS EC2 , Tweepy API
- **MLOPs Project : Building Auto-Regressor Model for Time-Series Analysis and Deploying on GCP :** In this project, we analyze the time series data and build an auto-regressor model for forecasting.We also design an end-to-end machine learning development process to design, build and manage reproducible, testable, and evolvable machine learning models using GCP. Tech: Python, Docker , Kubernetes , Flask , Google Cloud Platform
- **Thesis Project: ML Based Smartphone based Virtual Gym Assistant :** Built a Virtual Gym Assistant application that provides a smart and yet affordable AI solution which not only helps people work out effectively at the comfort of their homes but also provides them with real-time feedback on their posture, and act as a personal virtual trainer that will help them to do their exercises in efficient manner. Tech: Python, AWS EC2 , Pose Estimation Techniques , Streamlit

SKILLS SUMMARY

- **Languages:** Python, SQL
- **Frameworks:** Scikit, NLTK, SpaCy, Keras, Flask
- **Tools:** Kubernetes, Docker, GIT, PostgreSQL, MySQL, SQLite
- **Platforms:** Linux, AWS, GCP
- **Soft Skills:** Leadership, Event Management,Public Speaking

BLOG

<https://satyamgovila.medium.com/>

- **Blog:** Mobile Security Application —System Design — HLDs with use cases
- **Blog:** Digging Deep into Neural Networks!

CERTIFICATIONS

- Coursera - Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization
<https://www.coursera.org/account/accomplishments/verify/RNBRU3LZC8BV>
- Coursera - Neural Networks and Deep Learning
<https://www.coursera.org/account/accomplishments/verify/KF24SQJFFWZZ>