Teja Nanduri

Software Engineer with 4.5 years of experience, working productively in dynamic environments. Proficient with Java, Python, and Scala programming languages and with multiple AWS services. Interested in working on systems with scale.

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▬▬ EDUCATION

Birla Institute of Technology and Science, Pilani

Bachelors of Engineering(Hons.) in Computer Science   June 2019

▬▬ WORK EXPERIENCE

Squarepoint Capital

Software Developer   Apr 2022 - Present

- Part of the data platform team, working on building and maintaining tens of thousands of data pipelines from various sources working with Python applications, Postgres databases, and Parquet Files-based database for timeseries data management.
- Utilized HashiCorp services like Consul for service discovery and Nomad for job orchestration. Leveraged Grafana and ECK for monitoring our services.
- Orchestrated critical optimizations, reducing the runtime of a key trading data pipeline from 15-17 hours to just 2 hours. Implemented robust alerting systems health and reliability of the data pipeline.
- Employed various Python libraries for use cases such as Pandas for data manipulation, Camelot, and Amazon Textract for image and PDF data extraction, and asyncio for improving the performance of different pipelines.

Joveo Technologies

Senior Software Engineer   Apr 2020 – Apr 2022

- Part of the tracking team responsible for all the data ingestion pipelines, ETL processing using spark, and making available APIs for the various internal teams to query this data efficiently. Handled a scale of close to 80 million events per month.
- Primarily used Java, Scala, Python, and multiple relational and non-relational databases to develop the above applications. Worked with AWS services and different web frameworks such as Django, Flask, Play Framework, etc.
- Built end-to-end ownership of 2 applications, working as a full-stack engineer. Delivered multiple features in both systems and helped them to attain a self-serving state.
- Aided the recruitment efforts, conducting over 100 interviews to build our engineering team in India.

KPIT Technologies

Trainee   Aug 2019 - Apr 2020

- Part of the diagnostics team which builds diagnostic products based on ASAM standards.
- Used Java springboot-based backend and Angular 2 Electron based server-side implementation to build a desktop application for a leading Automobile Manufacturer.

Apxor

Software Engineering Intern   Jun 2019 – Aug 2019

- Worked on developing a standalone application for generating a daily email report for customers reporting on their performance metrics. Developed the application using the Play framework and Scala.

Draup

Software Engineering Intern   Jul 2018 – Dec 2018

- Developed features and implemented bug fixes on the Draup web platform which was based on Django Framework.
- Improved the overall efficiency of the Calculation Engine by introducing parallel processing using Celery.
- Released an open-source library over the Django ORM Framework - https://pypi.org/project/draup-django