Teja Nanduri

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▬ WORK EXPERIENCE

Squarepoint Capital

Software Developer   April 2022-Present

- Joined as the first member of the data platform team in India, serving as the interim Team Lead. Successfully managed a team of 5, overseeing the seamless onboarding of data from diverse vendors for quant researchers.
- Streamlined log management by creating a unified view for scattered logs across multiple locations, enhancing searchability. Introduced a YAML file linter in our CI/CD process which resolved issues related to incorrect linting, ensuring smooth file execution within the system.
- 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.
- Optimized data download by implementing asyncio for downloading 2TB worth of data via HTTP API calls, enhancing speed by 8x with efficient TCP connection management in a streamlined data pipeline.

Joveo Technologies

Senior Software Engineer   Apr 2020 - Apr 2022

- Managed 80M monthly events as a key member of the tracking team, overseeing data ingestion pipelines and ETL processing with Spark. Facilitated efficient data querying for internal teams through API development.
- Established end-to-end ownership for two applications as a full-stack engineer, delivering multiple features and transforming them into self-serving systems.
- Diagnosed and rectified missing events issues in the system by addressing timeouts, transitioning from asynchronous to synchronous processing for enhanced event retention, and laying the foundation for future system efficiencies.
- Contributed to innovative business solutions by researching and implementing cookieless tracking methods for user activity. Explored browser APIs and tools to achieve real-time and accurate reporting for a major client.
- A key contributor to recruitment, conducted 100+ interviews, instrumental in building and expanding the engineering team in India.

▬ PROJECT

Django Cascading Deletion

- Released an open-source library over the Django ORM Framework - https://pypi.org/project/draup-django, which helped count all the cascading records being affected by deletion/upserts across all the relational tables.

Daily performance reporter

- Worked on developing a standalone application for generating a daily email report for customers reporting on their app's performance metrics such as their DAUs and MAUs.

▬ SKILLS

- Python
- Java
- Scala
- AWS
- Postgres
- Timeseries

▬ EDUCATION

Birla Institute of Technology and Science, Pilani

Bachelors of Engineering(Hons.) in Computer Science