Abhishek Nikkudala
Software Engineer

Experienced Software Developer with a demonstrated history of working in the information technology and services industry. Skillful in python, spark, java script, cloud technologies.

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WORK EXPERIENCE

Senior Software Engineer
Capgemini

04/2019 - 05/2021   *Bangalore, India*

Achievements/Tasks

- Spearheaded development of XML framework in Python, A solution to streamline real time heavy traffic. (approx. 650,000 files/day).
- Designed, Developed and Integrated CRIF Framework in Pyspark, A real time data processing solution which is used in 200+ pipelines across projects.
- Developed and Integrated Standardization Framework in Spark, A data cleansing solution to ensure data consistency for 13 different sources.
- Facilitated the development of Alert Engine, A micro-service (Lambda/API's Architecture) to generate real-time alerts about the state of business.
- Assisted in development and maintenance of APIs (Docker/Kubernetes) for integration with ecommerce websites.
- Converted data into actionable insights, It highlighted large scale delivery issues and 30% unrealized revenue.
- Working with stakeholders in agile environment to gather functional and technical requirements.

Software Engineer
Capgemini R&D

06/2018 - 04/2019   *Bangalore, India*

Achievements/Tasks

- Conceptualized and Developed desktop application to automate database testing process, improved efficiency by 65%.
- Proposed and designed a crawler-like interface to flatten files, Supports XML, JSON, YAML file formats.
- Owner of a dedicated python library (REST API) to integrate the application with web interfaces.
- Collaborated and Devised a strategy to migrate legacy data processing solutions to cloud.
- Ensured uninterrupted flow of business-critical operations. On-time error analysis reduced downtime by 15% and costs of warranty by up to 25%.

EDUCATION

B.Tech Electronics and Communication
CVR College of Engineering, Hyderabad

06/2014 - 04/2018

SKILLS

`Python` `C` `Spark` `Java script` `HTML` `CSS` `SQL` `NOSQL` `AWS` `Docker` `Agile` `GIT` `Unix` `Power BI` `Tableau` `Informatica`

PERSONAL PROJECTS

Anomaly Detection
- Developed a machine learning solution to detect outliers/anomalies using SARIMAX Model.
- Accounted for anomalies in seasonal data with 87% accuracy.

Intelligent Flora Steward
- Designed and developed core features of Android application in Java, back-end API integration on API Gateway/lambda.
- Implemented Weather and Disease predictions with 93% accuracy.

Automation tool for Zephyr
- Built a desktop client to automate test management tool Zephyr.
- Implemented user login, test-case creation, cycle creation, Sprint creation, automated test case execution and status updates.

Sudoku Visualizer
- A python application to visualize Sudoku solver.
- Conceptualized and Implemented backtracking algorithm.

ACHIEVEMENTS

Rookie 2021
Developed ML Solution to predict data quality for Telemetry data.

Won Xtra Mile 2020 (09/2020 - 12/2020)
Redesigned Telemetry data pipelines to reduce operational cost by 40%

Won Amazon's Builders Challenge 2020
AI, AR application to identify and predict plant diseases.

Coca-Cola's Million Dollar cost reduction
Identified and highlighted gaps in Business, Delivery management.

Best Performer (Business Unit) (01/2019 - 12/2019)
Significant contributions to Coca-Cola's order monitoring infrastructure.

Capgemini's Rising star 2019
Proposed system to automate data processing.

INTERESTS

`Online Gaming` `Football` `Travelling` `Trekking` `Poetry` `Stand-up Comedy`