

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 - Present

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 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 Agile GIT Unix
Power BI tableau Informatica

PERSONAL PROJECTS

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 90% 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.

16- Bit Microprocessor design

- Designed and Built physical layout of the processor.
- Derived Power, Delay and Area calculations with 70% accuracy.

ACHIEVEMENTS

Won AWS 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 infrastructure.

Capgemini's Rising star 2019

Proposed system designs to automate data processing.

Best Major Project (01/2018 - 05/2018)

Awarded for 16-bit Microprocessor design and physical layout.

INTERESTS

Online Gaming Football Travelling Trekking
Poetry Stand-up Comedy