Sumit Banerjee

Data Engineer

Expertise in providing insights to key stakeholders by delivering solutions that can be leveraged in decision making.

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WORK EXPERIENCE

Data Engineer
Micron Technology

09/2020 - Present   Hyderabad, India

Achievements/Tasks

- Developing new or enhancing prior data acquisition and ETL pipelines from various sources into big data ecosystem.
- Worked on projects and developed solutions that would be of high impact in various areas such as Fabrication plant, Assembly/Test and Procurement, etc.
- Contributed to GDML (Global Data Middle Layer) : An automated api builder to perform crud operations on various data sources like Snowflake, GCP, Hadoop, MySql, Oracle, etc.
- Created various robust parsers/utilities using python to process various types of files (XML, Parquet, AVRO, JSON, CSV, HTML, etc.) and automated the code using nifi to auto-process the new files and ingest into various data warehouses.
- Developed a web application/portal with various APIs to manage and track team tasks/activities and deployed on openshift using docker.
- Created tools to do lookups in archive files which saves around 60% time in debugging and resolving issues.
- Migrated various feeds of the upgrade activity for the team by building an automated solution using python scripts and NiFi.
- Adopted best software development practices querying large, complex datasets and implemented advanced optimized techniques.

Developer
DigitalAddon

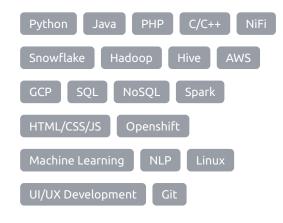04/2019 - 08/2020   Jaipur, India

Achievements/Tasks

- Worked on 100+ projects which includes dynamic and responsive web applications, e-commerce applications, custom cms platforms, data extraction tools, private APIs and more.
- Created an order management system for a specific category of services that generates company's 40% Revenue with features like Adding Funds, Ticket System, Custom user privileges, API support and automated third party APIs integrations.
- Integrated recommendations system for e-commerce applications which helped in generating 30% more revenue than usual.
- Developed machine learning models which helped in generating huge audience engagement in digital marketing campaigns.
- Built a chat-bot that assists clients with their queries related to business requirements.

EDUCATION

B.Tech in Computer Science
Amity University, Noida

08/2015 - 05/2019   Noida, NCR, India

SKILLS

Python Java PHP C/C++ NiFi
Snowflake Hadoop Hive AWS
GCP SQL NoSQL Spark
HTML/CSS/JS Openshift
Machine Learning NLP Linux
UI/UX Development Git

ACHIEVEMENTS

Freelancing
Worked with various organizations as a freelancer including Govt agencies like IIT and CSIRO Australia.

Volunteering
Lead Amity Youth Fest 2016, 2017, 2018 and 2019 as their Technical head.

NGO EXPO
Organized NGO EXPO in collaboration with various NGOs for fundraising.

Star Permormer
Got star performer award in DigitalAddon with reward of Rs. 35,000

LANGUAGES

English
Full Professional Proficiency

Hindi
Native or Bilingual Proficiency

German
Elementary Proficiency

INTERESTS

Reading Snooker Travelling Music
Graphic Designing