MINHAZ ALAM

SOFTWARE ENGINEER

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SUMMARY

I am a passionate software engineer proficient in SQL, PySpark, Python and Data related cloud services. I handle end – to – end data integration, from extracting data from APIs and FTP servers, staging them in cloud storages like AWS S3 buckets/ADLS Gen2 and transforming and converting them into structured CSVs and tables.

EDUCATION

- Bachelor of Technology, Computer Science and Engineering – NIT Hamirpur, Himachal Pradesh
- 10+2, Non-Medical, Dayanand Model Senior Secondary School, Dharamshala, HP

EXPERIENCE

Oracle (OFSS) – Staff Consultant   **09/2020 - present**
- Developed full stack banking solutions used by 60 million customers.
- Built user interface components for the solutions.
- Worked on reports development using Oracle Business Intelligence Publisher
- Working knowledge of Jenkins, SonarQube, Oracle cloud (server management)
- Tech stack – Java, Oracle PL/SQL, Oracle JET (JavaScript toolkit for building dynamic user interfaces)

Betabrains Pvt. Ltd. – Engineering Intern   **05/2019 – 07/2019**
- Developed user interface components for internal webapp.
- Integral part of front-end team
- Tech stack – ReactJS, HTML, CSS, JavaScript

PERSONAL PROJECTS

- **Smart City IoT Realtime Streaming:**
  - Developed a Realtime streaming pipeline of IoT data coming from a vehicle.
  - Data pipeline for processing real-time data from IoT devices, enabling timely insights and actions.
  - Tech stack – Docker, Python, AWS, Apache Kafka, Apache Spark
- **Rentscape:**
  - Built a webapp to list properties in Dharamshala to help students looking for rooms.
  - Developed custom admin portal to manage the app.
  - Tech stack – Django (Python framework), Postgres, Jinja2
- **On Prem to Cloud And ETL Pipeline:**
  - Developed an End-to-End Azure Data Pipeline to migrate data from SQL Server to Azure Cloud Storage
  - Connected Databricks to storage account.
  - Built an aggregate table for reporting with all business KPI using Power BI
  - Tech stack – Azure Data Factory, PySpark, Databricks, Spark SQL, Power BI

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, Oracle PL/SQL, PySpark
Database/Data warehouse: Oracle, MySQL, Postgres, MongoDB, MS Azure(ADF, Databricks), Snowflake, Redshift, AWS Glue, S3, Lambda, Kinesis, Power BI
Tools: Git, GitHub, Postman, GitHub Actions, Docker
Other: Problem solving, Data structures and algorithms.

INTERESTS AND EXTRA-CURRICULAR ACTIVITIES

- Created awareness about open-source technologies in college technical club.
- Taught computer basics to under privileged students.
- Active member of Clean Himalayas NGO.
- Loves to travel and trek.