ANIL.DURGAM

E-Mail: durgam.anil1@gmail.com   **Mobile:** 08897520530

Objective:

Result-driven **7.6 years** experienced Software Developer with a proven track record in Python, Databricks, Sql and PySpark technologies, seeking a dynamic position in a reputable company. With a passion for data-driven solutions and big data processing, I aim to utilize my expertise in Databricks and PySpark to develop high-performance data pipelines and scalable applications. Eager to contribute my problem-solving skills and collaborative spirit to foster innovation and drive success within a forward-thinking team. Excited to be part of a company that encourages continuous learning and empowers employees to make a meaningful impact in the ever-evolving field of software development.

EXPERIENCE(latest on top)

TechMahindra (**clients: Optus, Starhub**) (Sept 2022 - Present)

- Leveraged Python to develop and deploy innovative solutions for extraction framework.
- Collaborated with multidisciplinary teams to design and implement efficient data processing pipelines using Databricks and PySpark.
- Demonstrated strong problem-solving skills, troubleshooting issues, and implementing effective solutions within project timelines.

Covalense Global (Client: Unilever) (Dec 2021 – Sept 2022)

- Developed Python-based tools and applications to streamline product based application
- Utilized Databricks and PySpark for data processing and analysis, enabling data-driven decision-making.
- Played a key role in successful project delivery, meeting client expectations and deadlines.
- Collaborated closely with Unilever's team to understand requirements and deliver high-quality solutions.

Trigent Software Pvt Ltd (Client: Accenture) (Aug 2021- Dec 2021)

- Contributed to Python projects for Accenture, delivering excel sheets with logic.
- Worked with pandas and Numpy to handle and process large datasets efficiently.
- Assisted in debugging and resolving technical issues, ensuring smooth project execution.

ONYX Components & Systems Pvt Ltd (2019 - 2021)

- Spearheaded Python-based software development for product management.
- Led code reviews and mentored junior developers, fostering a collaborative and growth-oriented team environment.

Sanix Technologies (2017 - 2019)

- Developed and maintained Python applications, contributing to projects.
- Actively participated in agile development methodologies, driving successful project deliveries.

SYNOPSIS

- Proficient in developing applications using C, Python, and Tkinter, with a keen eye for creating intuitive and user-friendly interfaces.
- Skilled in Web Application development using Django framework, delivering robust and scalable solutions for diverse projects.
- Demonstrated expertise in data visualization libraries such as Matplotlib and Seaborn, translating complex data into visually engaging insights.
- Extensive experience in Data Analysis and Data Visualization using Pandas, Numpy, and PySpark, enabling data-driven decision-making.
- Proficient in working with MySQL and AzSQL databases, managing data efficiently and ensuring data integrity.

Certifications

- Microsoft Certified: Azure Data Engineer Associate **(DP-203)**

International Experience: Australia Business Trip (Duration: 3 months)

- Traveled to Australia on a business visa to fulfill client requirements, engaging in business activities across multiple cities.
- Conducted meetings, presentations, and negotiations with clients to address their specific needs and preferences.
- Successfully managed project deliverables and timelines, resulting in increased client satisfaction and strengthened business relationships.

ACADEMIC CREDENTIALS

M.TECH(ES&VLSI)	Lords institute of Engineering,Hyd	JNTU University	DEC 2012	64.97%
DiVESD	Sunbeam Institute, PUNE	CDAC-ACTS	FEB 2012	64.17%
B.Tech.(E&C)	Vaagdevi College of Engineering, Warangal.	JNTU University	MAR 2010	59.02%
HSC	Prerana Junior College, Mancherial	Andhra Pradesh Board	MAR 2006	72.70%
SSC	SRR High School, Mancherial	Andhra Pradesh Board	MAR 2004	81.00%

TECHNICAL PURVIEW

Programming Languages:	C, Python
Python Modules	Pandas, Numpy, Scikit-learn, Matplotlib, Seaborn
Python IDEs:	Spyder, Jupyter Notebook, PyCharm, Colab, IDLE, Azure databricks
Python Editors:	VSCode, Notepad++, Notepad, Sublime
Web Frameworks:	Django, Flask

Version Control	GitHub, Bitbucket
Test Management tools	JIRA, Azure Devops
Scheduling Tools	Airflow
Databases	MySql , AzSql, PostgresSQL

PROJECTS(latest on top)

Project #1:
Title: UDP Framework Data Extraction
Role: Data Engineer
Technologies used: Python, Databricks, PySpark, SQL
Client: Optus
Description: In this project, I led the development of an advanced data extraction framework that efficiently retrieves data from Databricks tables utilizing Meta table entries managed by AzSQL. Leveraging Python, Databricks, and PySpark, I designed and implemented a sophisticated system capable of reading tables and generating extraction files using customizable filters defined in the Meta tables. This innovative solution significantly streamlined the data extraction process, enabling faster and more accurate data retrieval for analytical purposes.
Responsibilities:
• Spearheaded the end-to-end development of the application framework, including the design, implementation, and deployment setup.
• Developed technical designs for each function, ensuring optimal performance and scalability.
• Utilized SQL queries for database development, optimizing data retrieval and storage.
• Leveraged Python for backend development, creating robust and efficient data processing pipelines.
• Collaborated closely with cross-functional teams to gather requirements and deliver high-quality solutions.
• Conducted rigorous testing and debugging to ensure the reliability and accuracy of the data extraction system.
• Proactively identified areas for improvement and implemented enhancements to increase efficiency and productivity.

Project #2:
Title: Data Extraction Framework
Role: Data Engineer
Technologies used: Python, Mysql
Client : Starhub
Description: In this project, I led the development of an advanced data extraction framework that efficiently retrieves data from netezza server utilizing Meta table entries managed by MYSQL. Leveraging Python, I designed and implemented a sophisticated system capable of reading tables and generating extraction files using customizable filters defined in the Meta tables. This innovative solution significantly streamlined the data extraction process, enabling faster and more accurate data retrieval for analytical purposes.
Responsibilities:
• Spearheaded the end-to-end development of the application framework, including the design, implementation, and deployment setup.
• Developed technical designs for each function, ensuring optimal performance and scalability.
• Utilized SQL queries for database development, optimizing data retrieval and storage.
• Leveraged Python for backend development, creating robust and efficient data processing pipelines.
• Collaborated closely with cross-functional teams to gather requirements and deliver high-quality solutions.
• Conducted rigorous testing and debugging to ensure the reliability and accuracy of the data extraction system.

Project #3:

Title: Historical Promotion Analysis
Role: Data Engineer
Duration: June 2022 - August 2022
Technologies used: Python, Databricks, PySpark, Azure Data Lake
Description: In this project, I spearheaded the development of a comprehensive historical promotion analysis system. The primary objective was to process and analyze years of data sourced from Azure Data Lake. Leveraging Python, Databricks, and PySpark in the Azure environment, I designed and implemented a sophisticated application framework to calculate and visualize the promotion's impact according to the provided Analytical Workflow (AWF) guidelines.
Responsibilities:
• Led the end-to-end design and development of the application framework, including building a robust build and deployment setup.
• Developed meticulous technical designs for each function, ensuring optimal performance and scalability.
• Conducted database development using SQL queries to efficiently manage and retrieve data.
• Implemented Python for backend processing, ensuring seamless data integration and transformation.

Project #4:
Title: Validation Automation for Client Portal
Role: Developer
Duration: February 2021 - August 2021
Technologies used: Python, Pandas, Excel Automation
Description: In this project, I spearheaded the development of a cutting-edge application for automating processes on the client portal. Leveraging Python and Pandas for data manipulation and Excel automation, I designed and implemented a sophisticated framework to streamline data entry and validation tasks. The application intelligently checks the Excel sheet and efficiently populates the portal with the specified details. Once all the required information is entered, the application automatically downloads the corresponding PDF file and initiates a thorough validation process using a reconciliation sheet. Any discrepancies found during validation are meticulously highlighted for further investigation.
Responsibilities:
• Led the design and development of the application framework, creating a scalable and user-friendly solution.
• Implemented database development using SQL queries to manage critical data records.
• Orchestrated the backend processing using Python, ensuring a smooth and efficient automation flow.

SEMINARS PRESENTED

✓   Wireless sensor network in Lords institute of engineering and technology 2011, Hyderabad.

✓   Graphene transistor in Lords institute of engineering and technology 2012, Hyderabad.

PERSONAL PROFILE

Date of Birth   : 20th March, 1989

Languages Known   : English, Hindi and Telugu.

Location   : Bengaluru.

DECLARATION

I hereby declare that the information furnished above is true and correct to the best of my knowledge and belief.

ANIL .DURGAM