

R SUVAM DORA

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PYTHON FULLSTACK DEVELOPER

PROFILE SYNOPSIS

- ❖ Completed a comprehensive 8-months training program in Python Full stack Development at PySpiders, Hyderabad. The curriculum included advanced Python programming, frontend technologies, backend frameworks, and full stack integration

INTERNSHIP

Microsoft & NIIT Foundation | Sep '23 – Nov '23

Responsibilities:

Role : **Data Science**
BI Components : Power BI Desktop, Power BI Service, Power Query, and Power BI Mobile
Database : MySQL
Spreadsheet : MS Excel

SKILLS

♦ Python :-

- **Basic:** Strong foundational and advanced features
- **Data Types & Variables:** Familiar with classification and methods
- **Operators:** Proficient in arithmetic, logical, and relational operations
- **Control Structures:** Knowledge of conditionals, loops, and comprehensions
- **Built-in Functions:** Skilled in enumerate, zip, reverse, sorted
- **Functions:** Experience with functions, generators, and decorators
- **OOP Concepts:** Understanding of inheritance, encapsulation, polymorphism, and abstraction
- **Error Handling:** Knowledgeable in exception and file handling

♦ SQL :-

- **SQL Queries:** Strong proficiency in writing effective queries
- **DQL Mastery:** Expertise in SELECT, GROUP BY, ORDER BY, and HAVING
- **Functions:** Skilled in single-row and multi-row functions
- **Joins:** Proficient in using joins for data retrieval
- **Subqueries:** Competent in subqueries and correlated subqueries
- **DML, DDL, DCL, TCL:** Knowledgeable in all SQL languages
- **Oracle 11g:** Extensive practice with Oracle 11g database

♦ Django :-

- **MVT Architecture:** Proficient in the Model-View-Template framework
- **Template Inheritance:** Experienced with reusable templates
- **Database Knowledge:** Strong in SQLite, PostgreSQL, and MySQL
- **CRUD Operations:** Skilled in using Django Models for data management
- **Forms:** Proficient in Django Forms and Model Forms
- **Django Template Language:** Competent in DTL for dynamic content
- **Email Configuration:** Experienced in SMTP setup
- **User Management:** Knowledgeable in authentication and authorization
- **Django REST Framework:** Proficient in API CRUD operations
- **Serialization:** Strong understanding of serialization and deserialization in DRF

◆ Web Technology :-

➤ HTML :-

- Tags, Formatting tags
- Div & Span, Lists
- Tables, Forms
- Semantic Tags

➤ Good Understanding in Bootstrap

➤ CSS :-

- Text Property
- Background
- Box Model, Flex Model
- Position

➤ JavaScript :-

- Type Casting, Variables
- Type of Operator
- Function, Dom
- String, Array Methods

◆ Microsoft Power BI :-

- **ETL Processes:** Familiarity with Extract, Transform, Load workflows
- **Power Query:** Understanding for data transformation and preparation
- **Data Modeling:** Basic knowledge of modeling techniques
- **Reporting:** Experience in creating reports and dashboards
- **Data Extraction:** Skills in extracting data from various sources
- **Data Visualization:** Introduction to visualization principles and tools

PROJECTS

▪ **Bank Management System:**

Python, Django, dB SQLite, HTML and CSS

- Implemented functionalities for account creation, login
- Developed modules for deposit, withdrawal, and transfer of funds between accounts
- Enhanced security by encrypting passwords and implementing PIN reset using OTP verification through Gmail (SMTP)
- Designed responsive web pages using HTML and CSS for a seamless user experience

▪ **To-Do App and Articles Page:**

Python, Django, PostgreSQL, HTML and CSS

- Developed a web application to manage tasks and articles with full CRUD (Create, Read, Update, Delete) functionality using Django and PostgreSQL
- Implemented a To-Do App feature that allows users to add, edit, delete, and view tasks, ensuring efficient task management
- Designed a user-friendly interface to enhance the user experience and make task and article management intuitive
- Optimized database queries and implemented efficient data retrieval techniques to ensure fast and reliable performance

▪ **E-Commerce Reports and Dashboard:**

Power BI Desktop, Power BI Service and Advance Excel

- Designed and engineered an all-encompassing E-commerce Reports utilizing Power BI to offer strategic insights into both sales trends and customer interactions
- Engineered interactive visual representations highlighting crucial indicators like earnings, conversion ratios, best-selling items, and customer characteristics

EDUCATION SUMMARY

B. Tech from *Biju Patnaik University of Technology, Odisha* (2020-2024. CGPA 8.0)

Intermediate in CBSE from *Takshashila Residential School, Odisha* (2018-2020. 71%)

Matriculation in ICSE from *Guru Nanak Public School, Odisha* (2018. 63%)

PERSONAL DOSSIER

Address: Subhash Nagar, Sanath Nagar Colony, Hyderabad, 500018

Date of Birth: 22nd Oct. 2001

Languages Known: English, Hindi, Odia, Telugu