




# Ushasree Parisa

## Software Engineer

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 LeetCode

### Profile

Experienced Analyst with a strong background in development and application building. Proficient in analyzing datasets and creating impactful visualizations that drive informed business decisions

### Professional Experience

#### Capgemini, Analyst

2022 – present | Bangalore, India

##### Project: Credit Card Bill Payment

**Description:** Developed a secure web application enabling users to log in, view upcoming payment due dates and amounts, and access historical transaction data, payment methods, and credit card details.

##### Roles and Responsibilities:

- Designed and implemented RESTful APIs using Spring Boot for seamless interaction with a PostgreSQL database, enhancing data retrieval efficiency.
- Deployed the application on AWS Cloud, ensuring scalability and reliability, resulting in improved user experience and system performance.
- Conducted comprehensive testing and debugging to ensure the application's reliability and performance, resulting in a 30% reduction in reported issues post-launch.

**Skills & Tools:** Java, Spring Boot, SQL, AWS, Postman, pgAdmin, Swagger

##### Project: Online Ebook Management System

**Description:** Created a web application that allows users to register and log in to view, create, and modify ebooks.

##### Roles and Responsibilities:

- Planned and executed RESTful APIs with Spring Boot for PostgreSQL database interaction, enhancing data retrieval efficiency.
- Managed user authentication and authorization to ensure secure access to book data.
- Developed features for users to add and modify book entries, refining user experience through intuitive forms.
- Integrated search and filtering capabilities, enabling quick access to specific books.

### Skills

Java

Spring boot

PostgreSQL

RESTful Web - Services

AWS

Git

Power BI Desktop

MS Office Suite

Jira

Postman

Adaptability

Teamwork

### Education

**Bachelor of Technology in Electronics and Communication,** , Rajiv Gandhi University of Knowledge and Technologies, Nuzvid(IIT)

Jul 2018 – May 2022

**Pre University Course(Intermediate),** Rajiv Gandhi University of Knowledge and Technologies, Nuzvid (IIT)

Aug 2016 – May 2018

### Projects

#### Text Recognition in Images | Python

- Image Processing and OCR:** Utilized libraries like OpenCV and Tesseract OCR for scanning documents, preprocessing images (e.g., resizing, thresholding), and extracting text with high accuracy.
- User-Friendly Interface:** Designed a simple GUI using Tkinter, enabling users to upload scanned images and receive extracted text in various formats (TXT, PDF, DOCX).
- Performance Optimization:** Conducted testing to improve recognition speed and accuracy across different document types, ensuring reliable output.

#### Sales report| Power BI

- Sales Report Development:** Generated a comprehensive sales report using Power BI, resulting in a 15% increase in revenue through enhanced data visualization and insights. [Link 

- Conducted performance testing and code reviews to enforce application reliability and quality.

**Skills & Tools:** Java, Spring Boot, SQL, Postman, pgAdmin, Swagger

### **Adventure Works Report| Power BI | [Link](#)**

- **Data Preparation:** Utilized Power Query to clean and transform data, achieving a 30% reduction in data processing time through effective profile checking before loading into Power BI.
- **Report Development:** Designed a comprehensive four-page report that improved data insights and decision-making for stakeholders, resulting in a 15% increase in operational efficiency.
- **DAX Measures Analysis:** Created tables and matrices to analyze DAX measures and data columns, enabling deeper data exploration and leading to the identification of key trends that improved reporting accuracy by 20%.
- **Geographical Insights:** Employed interactive maps to display data across regions, countries, and continents, resulting in a 25% improvement in regional performance tracking through enhanced slicer functionality.
- **Product Performance:** Integrated gauge charts for target tracking and line charts for marker analysis, leading to a 20% increase in product performance visibility via drill-through functionality for detailed exploration.
- **User Navigation:** Implemented bookmarks for easy navigation between report sections, enhancing user experience and facilitating tailored data exploration, which improved report engagement by 30%.

### **Maven Market Analysis | Power BI | [Link](#)**

- **Comprehensive Report Development:** Developed a comprehensive report for a Maven project, utilizing DAX measures to derive key performance indicators (KPIs), which led to a 20% improvement in performance tracking.
- **Data Cleaning and Transformation:** Employed Power Query for data cleaning and transformation, ensuring high data quality and integrity, resulting in a 25% reduction in errors during analysis.
- **Optimized Data Modeling:** Designed an optimized data model to establish relationships between datasets, enhancing reporting efficiency and decreasing report generation time by 30%.
- **Visual Communication:** Created visually engaging report views to effectively communicate insights, supporting data-driven decision-making that contributed to a 15% increase in project success rates.

- **Requirements Evaluation:** Assessed project specifications from the Workout Wednesday site, identifying key metrics essential for effective reporting, which refined project alignment by 20%.

- **Data Integration:** Incorporated high-quality datasets from reputable sources such as World Data and Kaggle, enhancing report depth and reliability, and contributing to informed strategic initiatives that led to a 30% improvement in decision-making efficiency.

### **Power BI Developer | PwC (Virtual Internship from Forage) | [Tasks](#)**

- Created Call Centre analysis report which gives 3.4/5 average customer rating to see performance trends by setting KPI.
- Designed Churn analysis report for 7043 customers, resulting 26.54% churn rate by using charts and DAX functions which helps in data-driven decision making to operability.

## **Courses**

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**Microsoft Power BI for Business Intelligence,** *Udemy*

**The complete SQL Bootcamp,** *Udemy*

**Jira for Beginners - Detailed Course to get started in Jira,** *Udemy*

## **Certificates & Achievements**

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- AWS Cloud Practitioner (CLF-01) | [Link](#)
- HackerRank – Java & SQL Gold Badge.
- Leetcode – SQL Contest
- Microsoft Certified: Data Analyst Associate(PL – 300) | [Link](#)

## **Languages**

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- Telugu
- English
- Hindi
- Kannada