

Akanksha Priya

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EDUCATION

B.Tech, Dayananda Sagar Academy of Technology and Management
Current CGPA (till 6th semester) - **8.38**

2021 – 2025
Bengaluru, India

PROFESSIONAL EXPERIENCE

Web Development Intern, CodSoft

- Developed 3 minor projects during the 4 weeks of internship.
- Worked with HTML5, CSS3, JavaScript and relevant libraries.

11.2023 – 12.2023
Bengaluru, India

SKILLS

FrontEnd — HTML | CSS & Bootstrap | JavaScript

Database — SQL/MYSQL

BackEnd — Node.js | Django

Languages — C | C++ | C# | R | Java | Python | Javascript

Development Tools — Git | Visual Studio | Jupyter Notebooks | VS Code | Eclipse | Github

PROJECTS

1. Uber Data Analytics

Tech Stack: AWS S3, Mage Data Pipeline, Redshift, Power BI, Python

Led a comprehensive data analytics project on Uber datasets, utilizing **AWS S3** for scalable storage and **Mage** for developing automated ETL pipelines. Data was processed and loaded into **Amazon Redshift**, enabling advanced data warehousing solutions. Designed and deployed custom reports and dashboards in **Power BI** to visualize actionable insights and trends.

- Implemented data pipelines using **Python** for cleaning, transforming, and integrating large volumes of raw trip and driver performance data.
- Leveraged Redshift for querying and analyzing millions of records, providing insights on ride demand, driver performance, and geographic trends.
- Produced Power BI dashboards that informed strategic decision-making, leading to optimized resource allocation and improved operational efficiency.
- Utilized machine learning techniques in Python to predict demand surges, contributing to a 15% improvement in predictive accuracy.

Key Skills: Data Analytics, ETL, AWS S3, Amazon Redshift, Power BI, Python, SQL, Data Warehousing, Machine Learning, Trend Analysis, Strategic Planning

2. Blood Bank Management System

Tech Stack: C#, .NET Framework, MySQL

Developed a robust **Blood Bank Management System (BBMS)** to streamline the management of donor registrations, blood stock levels, and recipient data. Leveraged **C#** and the **.NET Framework** for building an intuitive, user-friendly interface and ensured secure, efficient data management with **MySQL**.

- Engineered secure database operations using **MySQL** to efficiently track blood inventory and donor-recipient interactions.
- Created a scalable system architecture, integrating seamless user interaction workflows between donors and recipients.
- Implemented role-based access control and data encryption to ensure compliance with industry security standards.
- Collaborated with a team to optimize data handling and system performance, resulting in a 25% reduction in data retrieval time.

Key Skills: C#, .NET, MySQL, Database Management, Data Security, System Architecture, User Interface Design, Team Collaboration

CERTIFICATES

- Infosys Springboard : Programming Using Java
- Oracle : Cloud Data Management
- Microsoft Certified: Azure Fundamentals
- Microsoft: AI Skills Challenge

COURSES

Programming using C++, Infosys Springboard

Python for Data Science, IBM Skillsbuild