LEELA NAGA VIVEK

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OBJECTIVE

Seeking a role in Data Engineering and Cloud Technologies where I can apply my expertise in SQL, Azure, BI tools, and DevOps to drive data-driven insights and scalable solutions

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Experience

Tata Consultancy Services (May 2019 – Oct 2022)

- Developed and maintained web and mobile applications for a U.S.-based pet hospital, ensuring seamless functionality and user experience.
- Improved website performance using Sitecore, enhancing accessibility and navigation.
- Identified and resolved security vulnerabilities (XSS) by implementing DOM Purify and HTML Sanitizer, strengthening security measures.
- Enhanced mobile app accessibility by integrating Talkback support in Xamarin, improving usability for visually impaired users.
- Designed and implemented UI/UX improvements and new features in the mobile app, increasing user engagement.
- Conducted manual testing for both web and mobile applications, ensuring high performance, security, and compliance with accessibility standards.

Wolters Kluwer ELM Solutions (Oct 2022- present)

- Working in an Agile Scrum team, developing and maintaining data reporting solutions using SQL Server, SSIS, Tableau, and Power BI.
- Monitored & optimized scheduled jobs, ensuring data integrity and reliable system performance.
- Managed data replication & extraction with Qlik Replicate and Qlik Compose, streamlining data workflows.
- Key contributor to a critical dashboard project, improving reporting accuracy and business insights.
- Utilized and supported CI/CD pipelines (YAML-based DevOps) by assisting in deployments and troubleshooting issues.
- Managed staging & production deployments, ensuring smooth releases and system stability

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TECHNICAL SKILLS

Programming: C, C#, Java, Python, ASP.NET
Mobile Development: Xamarin
Databases: SQL, PL/SQL, MS SQL Server
Business Intelligence: Tableau, Power BI
Web Technologies: HTML5, CSS3, JavaScript, Bootstrap, ReactJS
Cloud & DevOps: Azure Fabric, CI/CD (YAML, DevOps), Git, Bitbucket

Data Integration & Replication: SSIS, Azure Data Factory (ADF), Qlik Replicate, Qlik Compose
Tools & Methodologies: Sitecore (Basic), Confluence, Agile (Scrum, Kanban)

PROJECTS

Object Detection with Voice Assistance
- Developed an AI-powered image detection system using YOLO and the COCO dataset for real-time object recognition.
- Utilized the **COCO dataset** to detect **80+ objects** and implemented the **YOLO (You Only Look Once) algorithm** for fast and accurate detection.
- Integrated **eSpeak and gTTS** libraries to provide **text-to-speech** functionality for accessibility.

Audio Guide for Doctor Prescription System
- Built a system to **convert doctor prescriptions into QR codes**, allowing patients to scan and listen to their prescriptions anytime.
- Ensured seamless access by integrating the **audio prescription feature on a web platform** for easy retrieval.

CERTIFICATIONS

Microsoft Certified: Azure Fundamentals (Credential: View Here)
Cisco Certified:
- Introduction to Cybersecurity (December 19, 2017)
- Programming Essentials in C (July 30, 2018)

Python Data Structures – **University of Michigan (Coursera)**

ACHIEVEMENTS

Participated in Cybersecurity Research Teaser Internship – IIIT Hyderabad (April-May 2021).
Semi-Finalist – TechGig Code Gladiators 2021.
3rd Place – Engineer's Day Coding Competition (CSE Department).
Top 5% – Data Structures & Algorithms Using Python (NPTEL).
Paper Presentation – Blockchain Technology, GECFEST 2018.

EDUCATION

B. TECH (CSE) – VR Siddhartha Engineering College (2019) – CGPA: 8.45/10
Intermediate (MPC) – Sri Chaitanya Junior College (2015) – 96%
ICSE (10th Grade) – St. Ann's School (2013) – 79%