Tanweer Ahmed Sharief Mohammed

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Professional Summary

Seeking an entry-level position with a reputable organization, where I can apply my skills and gain valuable experience in my field. I have the capability to quickly learn new technologies. As a motivated person, I can adjust to various situations and have demonstrated potential for personal and professional growth for myself and others.

Experience

Front-End Developer & Analyst Intern
DyoCense – Jan 2025 – June 2025

- Developed responsive web interfaces using HTML, CSS, and JavaScript.
- Supported data analysis tasks using Google Sheets, Microsoft Excel, and Power BI.
- Collaborated with design and development teams to enhance UI/UX for web applications.
- Improved design skills to contribute effectively to user interface planning and web layout.
- Gained hands-on experience with cross-functional collaboration and client communication

Education

Guru Nanak Institutions of Technical Campus 2020 – 2024
Bachelor of Technology in Computer Science and Engineering HYDERABAD, INDIA
GPA- 7.52

Career Point Junior College 2018 – 2020
Higher Secondary School RAJAHMUNDRY, INDIA
GPA- 7.82

Sri Chaitanya High School 2017 – 2018
Secondary School RAJAHMUNDRY, INDIA
GPA-9.8

Technical Skills

Programming Languages
C, Python (NumPy, Pandas), Java

Databases
Oracle SQL, MySQL (Data Retrieval, Filtering, Aggregation, Joins, Subqueries, Group By, Having Clause)

Data Visualization Tools
Tableau, Power BI

Web Technologies
HTML, CSS, JSP

Tools & Frameworks
Git, VS Code, Jupyter

Operating System
MacOS, Linux, Windows

Soft Skills

- Strong Analytical skills
- Problem Solving
- Good communication skills
- Effective time
- Management Teamwork
- Multitasking

Projects

1. Affirmation Control Model For XML-BasedElectronicProspering Record Design
October 2023 — January 2024
In the modern era of digital healthcare, the secure storage, retrieval, and management of patient records have become a critical challenge. ElectronicProsperity Records (EPRs)—a structured form of Electronic Health Records(EHRs)—store sensitive medical information such as patient history

Key Points:

1 Role-Based & Attribute-Based Access Control (RBAC & ABAC):
Implements a hybrid security model where access is determined by user roles (e.g., doctor, patient, administrator) and dynamic attributes (e.g., location, time of access).

2 Fine-Grained Access Control:
Provides detailed control over which parts of the XML-based health records can be accessed or modified, ensuring privacy and compliance with regulations like HIPAA.

Technologies Used:
* Programming Languages: Java
* Database: MySQL
* Web Development: J2EE
* Operating System: Windows 7
* IDE: ECLIPSE

2. Optimizing Multi-Key and Threshold Homomorphic Encryptions with Error Key Reuse
February 2024 — April 2024
Optimizing multi-key and threshold homomorphic encryption with error key reuse is an advanced cryptography technique that aims to make homomorphic encryption (HE) more efficient while maintaining security.

Key Points:

1 Multi-Key Homomorphic Encryption (MKHE):
MKHE allows encryption and operations on data from multiple parties, each using their own encryption keys.

2 Threshold Homomorphic Encryption (THE):
In THE, the encryption scheme allows decryption to be performed as long as a certain threshold of decryption keys (from multiple parties) is available.

Technologies Used:
* Programming Languages: Java
* Database: XML, MySQL

Certificates

1. Pandas & NumPy Python Programming Language Libraries A-Z™ at ***Udemy***
2. Artificial Intelligence with Python at ***Great Learning***
3. ChatGPT for EXCEL at ***Great Learning***

Languages

- English - Hindi - Telugu

Declaration

I hereby declare that the information provided in this resume is true and accurate to the best of my knowledge.

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