Arae Zarzosa

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EDUCATION

University of Texas at El Paso

El Paso, TX

Bachelor of Science in Computer Science

Aug. 2019 - May 2022

El Paso Community College

El Paso, TX

Associate of Arts in Multidisciplinary Studies

Aug. 2015 - June 2019

EXPERIENCE

Software Developer (Capstone Project)

August 2021 – June 2022

University of Texas at El Paso

El Paso, TX

- Developed, implemented, and debugged a scalable and secure data management service for Defense Communications (DEVCOM), a leading organization in the defense industry using HTML, node.js, and MongoDB.
- Debugged and resolved critical issues in the database management service, ensuring uninterrupted operations and data integrity for clients.
- Implemented data access controls, encryption mechanisms, and authentication protocols to ensure the confidentiality, integrity, and availability of the data.
- Collaborated with stakeholders to gather requirements and define data management workflows to ensure alignment with organizational objectives.

Information Technology Specialist

Aug. 2022 – Apr. 2023

Teleperformance USA

El Paso, TX

- Monitored and reviewed user-generated content on social media platforms to ensure compliance with community guidelines and content policies.
- Collaborated with cross-functional teams to address emerging content trends and adapt moderation strategies accordingly.
- Regularly monitored and analyzed key performance metrics, ensuring adherence to established content moderation standards and achieving consistently high accuracy rates in decision-making processes.

Projects

Music Overlay App | Java, Maven, Spotify API, Git, Servlet, JNA Platform, Javadoc

June 2023 - Present

- Developed a desktop application using Java that leverages the Spotify Java API for an enhanced music playback experience.
- Implemented Spotify's OAuth to help the application securely retrieve data from the app and the user's profile.
- Created an informative and structured GitHub page for the application along with a custom logo.
- Wrote full, extensive documentation of the application using Javadoc.

Portfolio Website | HTML, CSS, JavaScript, FireBase

January 2023 – Present

- Developed a Portfolio website to showcase my experience and projects in a user-friendly manner.
- Implemented Firebase hosting to deploy the portfolio website, optimizing performance, reliability, and scalability for the user.
- Integrated dynamic functionality using JavaScript to create interactive elements such as animations and smooth transitions, enhancing user interactivity and experience.

TECHNICAL SKILLS

Programming Languages: Java, Python, SQL, JavaScript, HTML/CSS

Frameworks: React, Node.js, Spring

Developer Tools: Git, Maven, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, Javadoc, Package managers

Libraries: NumPy, Matplotlib, pandas, Servlet Languages: English fluent, Spanish fluent