Zoraiz Khan

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GitHub: github.com/zoraiz2000

EDUCATION

University of Calgary, Canada   **Graduated: December 2024**

Bachelor of Science in Computer Science

- o **Concentration**: Software Engineering
- o **GPA**: 3.53/4, *Dean's List*
- o **Related Courses**: Software Architecture, Software Management, Software Testing, Web-Based Systems, Design and Implementation of Database Systems, Data Structures & Algorithms, Design and Analysis of Algorithms, Operating Systems

EXPERIENCE

University of Calgary | *https://github.com/zoraiz2000/Volumetric-live-streaming-video*   **Calgary, AB**

Undergraduate Research Student and Software Developer   *Jan 2024 – April 2024*

- Developed and optimized a volumetric live-streaming video system using **Node.js**, with a focus on benchmarking to enhance performance metrics.
- Leveraged **Docker Containers** to ensure platform independence and designed the system to be modular, enabling seamless future enhancements and upgrades.
- Authored a **research paper** documenting findings and improvements.

University of Calgary | *https://github.com/zoraiz2000/Course-Feedback-Analysis*   **Calgary, AB**

Undergraduate Research Student (Team Lead)   *Jan 2023 – April 2023*

- Utilized **Python** to implement a **machine-learning** based system employing information gain and decision trees to analyze student feedback on courses, providing students with data-driven recommendations on course selection, enhancing decision making and overall student satisfaction.

KFC - Crowfoot   **Calgary, AB**

Team Member/Cashier   *April 2023 – Aug 2023*

- Provided exceptional customer service as a cashier, efficiently handling transactions, resolving customer inquiries, and maintaining a friendly demeanor, resulting in improved customer satisfaction.

VOLUNTEER AND LEADERSHIP

University of Calgary Career Fair   *Nov 2023 & Jan 2024*

Volunteer

- Volunteered at two different occasions where I facilitated smooth event operations by assisting in the registration of over 400 attendees and supporting over 50 employers in setting up their stalls, enhancing organizational and interpersonal skills.

University of Calgary Spring Convocation   *May 2023*

Volunteer

- Ushered over 500 guests at the Faculty of Science 2023 Spring Convocation, ensuring adherence to seating arrangements and enforcing presentation protocols, while developing skills in the event coordination, tactful communication, and crowd management.

PROJECTS

Portfolio Website | *https://github.com/zoraiz2000/website*

- Developed a sleek and professional portfolio website to showcase my skills, projects, and experience, improving visibility to potential employers. Achieved this by leveraging **React**, **Next.js**, and **Tailwind CSS** to create a detailed resume, project highlights, and a comprehensive overview of my technical expertise.

Rycho | *https://github.com/zoraiz2000/rycho*

- Developed a social media **React TypeScript** application integrating **Spotify API** and **MongoDB**, enabling users to share, post, and stream music, comment on posts, and follow other users, enhancing user engagement with music-focused interactions.

Byte Size | *https://github.com/zoraiz2000/ByteSize-MobileWebApp*

- Created a mobile web application for restaurant ordering systems using **Blazor with C# and .NET**, delivering a seamless and consistent user experience across Android and iOS platforms, reducing operational delays and improving customer satisfaction.

Indie Game Platform | *https://github.com/zoraiz2000/Game-Platform-DBMS*

- Designed a website for indie game developers to promote their projects, leveraging **HTML**, **CSS** and **PHP** for development and **MySQL** for efficient user data management, facilitating better engagement between developers and users.

TECHNICAL SKILLS

Programming: Java, Python, HTML, CSS, PHP, JavaScript, TypeScript, C, C#
Frameworks: React.js, Next.js, Node.js, .Net
Databases: SQL, MongoDB
Developer Tools: Git, Docker, Jira
Languages: English, Urdu
Interests: Health and Fitness, Cricket, Aviation (Private Pilot)