



Ahmed Fayaz Yousuf

Full Stack Web & Unity Game Developer

CONTACT

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- Al Jurf, Ajman

EDUCATION

BE Software Engineering (Hons)

University of Bolton Ras Al Khaimah
2022-2023

BSc Computer Science

Heriot Watt University Dubai,
National University of Computer and
Emerging Sciences Karachi
2019 - 2022

SKILLS

- ReactJS
- HTML, CSS
- Unity 2D
- C#
- GitHub
- Process Flows
- NodeJS
- Azure
- Bootstrap
- MongoDB
- Microsoft Apps
- Deployment
- Domain Side Operations
- Augmented Reality
- UI/UX
- Javascript
- CorelDraw
- Figma, Framer
- Wix
- Canva
- Express
- Material UI
- Firebase Database
- Database Extraction
- Axios
- SMTP
- Email Design (Code)
- Technical Documentation

WORK EXPERIENCE

Full Stack Web Developer & Unity Game Developer

2022 - Present

The Hanging House Experiential Agency | Dubai - Full time

As a Full Stack Web Developer, I've demonstrated expertise in crafting end-to-end solutions for diverse web applications. My role encompasses both front-end and back-end development, ensuring a seamless and responsive user experience. Leveraging a comprehensive skill set, I've successfully contributed to the design, implementation, and optimization of web-based projects.

As a Unity 2D developer, I have significantly contributed to 2D games and user applications, showcasing proficiency in my Unity capabilities. My role involves technical implementation and intuitive 2D interface design for seamless user experiences. Playing a key part in project activations, I have delivered visually appealing and user-centric solutions, meanwhile learning and quickly adapting to Unity 3D as well.

Full Stack Web Developer, Graphic Designer, Digital Marketer

2022

BMM: Digital | UK, Dubai (Remote) - Intern

As an intern, I gained valuable experience as an Organic Social Media Manager, Graphic Designer, and Wix Website/Landing Page Developer. I orchestrated engaging content strategies, crafted visually appealing designs, and seamlessly integrated social media management, graphic design, and web development. This internship provided a solid foundation for understanding and contributing to a cohesive and appealing digital presence.

Full Stack Web Developer, Graphic Designer, Digital Marketer

2019-2022

Al Nakheel Advertising LLC | Ajman - Full time

I gained valuable experience as an Organic Social Media Manager, Graphic Designer, and MERN stack Website/Landing Page Developer. Orchestrating engaging content strategies and crafting visually appealing designs, I seamlessly integrated social media management and MERN stack web development to contribute to a cohesive and visually appealing digital presence for the company.

PROJECTS

Booking Application

Nov - Dec 2022

Test Drive Car Booking App for Nissan/Infiniti | ReactJS, Firebase

Developed a ReactJS web app for Nissan & Infiniti Employee Test Drive Event, allowing users to register and book test drives. Implemented Firebase for storing employee details, ReactJS for UI/UX, and NodeJS for an SMTP server to send automatic confirmation and reminder emails. Utilized GitHub for version control, Vercel for hosting the website, and Azure for the SMTP server. Extracted and visualized data from Firebase using Excel.

Gamified Application

May-Jun 2023

Tic Tac Toe - Man vs. Robot | Unity, C#, Arduino, Robotic Arm

Developed and implemented a dynamic Tic Tac Toe Game using Unity, featuring a real-time interaction with a robotic arm. Integrated seamless signal exchange and a transparent OLED screen, allowing players to visually experience the robotic arm's moves. Demonstrated technical expertise and creativity in Unity development, combining innovative technology for an engaging human-robot gaming experience.

CERTIFICATIONS

Front-End Development

Meta - Coursera
November 2023

Game Design & Development

Michigan State University - Coursera
November 2023

Certified HTML Developer

W3Schools
September 2021

The Bits & Bytes of Computer Networking

Google - Coursera
December 2021

Drivers License
Yes

Languages
English, Urdu

Visa Expiry
8 February 2025

Passport Expiry
31 March 2029

PROJECTS

Registration & Gamified Application

Nov-Dec 2023

Multiplayer Slot Car Racing Game with Interactive Unity App for DP World | Unity, C#, ReactJS, Sensors, Arduino

Led the development of a groundbreaking multiplayer slot car racing game that seamlessly merged physical and digital elements. Through a web app on iPads, facilitated player registration, and handed remote controls for real-time car control on a physical slot track. Implemented precision sensors along the track to monitor lap counts and trigger dynamic effects in a Unity app displayed on a large LED table. The integration of real-world racing with interactive digital elements allowed for an engaging and immersive gaming experience, showcasing technical prowess and innovation in both hardware and software development.

Motion Detection, Gamified Application

Jan 2024

Interactive Motion-based Catch Game for Lulu at Abu Dhabi Community Carnival | Kinect, Unity, C#

Developed an interactive Kinect-based catch game for Lulu at the Abu Dhabi Community Carnival, offering a unique fusion of physical and virtual experiences. Users registered on an iPad before engaging with the game, where their hand movements on an actual shopping cart's handle translated into real-time motion for a virtual cart in the Unity app. As participants maneuvered the physical trolley left and right, the in-game counterpart mirrored their movements, collecting items falling from the sky. This innovative use of Kinect technology created an engaging and memorable experience, demonstrating a keen ability to blend technology with real-world interactions for community events.

Web RSVP System

Feb-Mar 2023

RSVP System Web App for Nissan/Infiniti & Silal | ReactJS, Firebase

Developed a streamlined RSVP system using ReactJS, revolutionizing event planning by simplifying the process of sending personalized invitations and managing responses. The web app facilitated easy entry of guest information, including name and email, and leveraged a server-side SMTP connection to automate the dispatch of coded emails. This innovative approach not only ensured efficient communication but also allowed for the seamless management of bulk RSVPs. The user-friendly interface and automation capabilities significantly enhanced the event planning process, demonstrating proficiency in ReactJS and effective utilization of server-side technologies for scalable solutions.

Company Portfolio Website

Jan-Feb 2023

Innovative, Modern Company Website | HTML, CSS, JS, Dependencies

Revitalized "The Hanging House" company's online presence with a visually stunning and modern website, featuring captivating animations, seamless transitions, and scroll effects. Meticulously curated fonts, stylish palettes, and engaging styling elements not only reflected the company's unique identity but also showcased its projects and features with unparalleled clarity and impact. This project exemplifies a commitment to excellence in UI/UX design, setting a high standard for digital aesthetics while effectively communicating the company's offerings.