

SUFI FIRDAUS

MULTIMEDIA DEVELOPER

CONTACT

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SKILLS

Augmented Reality (AR)
Mobile Application / Web Development
Unity 3d
Teaching and Training
Research and Development
Problem-solving and Troubleshooting

EDUCATION

Master of Multimedia Computing

Universiti Putra Malaysia

2020 - Current

- Winning award for several categories in PICTL for project showcase gold medal
- Winning silver for my project showcase for my master project
- GPA: 3.85

Bachelor of Computer Science - Multimedia

Universiti Putra Malaysia

2014 - 2018

- President for Multimedia Club and Humanitarian Club
- Best student in Multimedia Major
- GPA: 3.67

LANGUAGES

Melayu
English
Arabic

PROFILE

Highly motivated and skilled Multimedia Developer with a diverse range of experiences in the field of technology and software development. Proficient in augmented reality (AR) application development, web-based systems, and mobile app creation. Demonstrated expertise in project management, team collaboration, and technical problem-solving. Committed to delivering innovative solutions and providing exceptional user experiences. Strong background in education, with a focus on integrating AR technology into the school system. Adept at teaching and mentoring others, as well as conducting workshops and presentations. Passionate about music, graphic design, and multimedia. Achieved recognition for academic excellence, project achievements, and leadership roles.

WORK EXPERIENCE

Multimedia Developer - Intern

CASD Medical Sdn. Bhd. | Serdang, Malaysia

Feb 2018 - Aug 2018

- I led the development of AR apps English Fun 2 and Aqua Smart, transforming language learning and water safety education. Additionally, I excelled in 3D modeling and prototyping, bringing concepts to reality in limited space.
- Developed a website for a call-for-paper event using HTML and CSS, and published it on a Windows Server using remote desktop connection.

Research Assistant

Universiti Putra Malaysia | Serdang, Malaysia

Jan 2022 - Dec 2022

- Develop AR mobile application that can be use with web-based PAC system, enabling immersive 3D visualization of MRI scan image data with drawing functionality and stereoscopic view. Set up a Linux-based cloud server using technologies like NGINX, Node.js, and MongoDB. Established connectivity with Orthanc API for PAC system functionality and implemented image deletion feature.

Mobile App Developer

Freelance

- More than 5 project related to Augmented Reality from the designing process to publishing the mobile apps with completed documentation.
- Interacted with business users on system requirements to make mobile application modifications.
- Published mobile applications in Google Play Android App Store to optimize accessibility to end-users.

Full Stack Web Developer

Freelance

- As the primary developer, I successfully created a login/register system for a conference, encompassing a web-based platform and an Android application with augmented reality (AR) functionality. Using Atom as the code editor, I developed the web-based system and employed Unity 3D for the AR mobile apps, while ensuring seamless connectivity with a Windows server via remote desktop connection and utilizing MySQL as the database management system.