MOHAMMAD HUSSAIN ALI

Software Engineer - PR of HK

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Summary

Creative Technologist with 4+ years of experience in web development, 3D animation, and visual design. Proven track record in delivering educational content, product packaging, and digital solutions for clients across Asia and Africa. Combines technical expertise with creative storytelling to build engaging user experiences..

Languages:
English: Fluent speaking, reading and writing
Urdu: Native

Education

Bachelors of Science in **Computer Science**   **September 2014 to June 2019**

Capital University of Science and Technology - Islamabad, Pakistan

Skills and Tools

- 3D tools : Maya, Blender , 3ds Max , Unity
- 2D tools : Adobe After effects , Illustrator
- Programming Languages: Java, C#, C++, Kotlin, Phyton
- Mobile App Development: Android development - Java
- Web Development: HTML, CSS, JavaScript
- Front-end frameworks/libraries: PHP,Vue 3, Angular, Bootstrap.
- Back-end frameworks: Codeigniter, laravel, RESTful APIs
- Database Management: MySQL, PostgreSQL, SQLite

Work Experience

HKUST (Hongkong University of science and technology)

3D Animation developer-Junior RA (Jan 2020 - Dec 2023)
Projects: 3D Animated lectures

- Produced 30+ 3D animated lecture videos for the Dean of Engineering as part of MOOC and blended learning initiatives.
- Handled the full animation pipeline including green-screen compositing, 3D modeling, rigging, voice syncing, and post-production.
- Collaborated closely with faculty to convert complex academic topics into clear, visual explanations.
- Tools used: **Blender**, **Adobe After Effects**, **Premiere Pro**, **Photoshop**.

Sana Semiconductor - Science Park, Hong Kong
Mobile App Designer (June 2023 - August 2023)
Project: BESSU App

- Created an informative video using Adobe After Effects to demonstrate mobile app functionality

Sana Semiconductor - Science Park, Hong Kong

Web Developer and 3d Animations designer (October 2019 - December 2019)
Project: IC Chip animation and Company Website

- Developed and maintained the official company website to showcase IC products and technical information.
- Designed and animated 3D visual content to explain integrated circuit structures and functionalities.
- Collaborated with the engineering team to translate complex technical data into engaging visual formats for clients and investors.
- Tools used: **HTML**, **CSS**, **JavaScript**, **PHP**, **WordPress**, **Blender**, **Adobe After Effects**.

MASB HongKong Limited
Graphic and Package Designer (Project based 2017-2018)

Designed custom packaging and visual branding for a variety of consumer products, including tea, car batteries, and more. Delivered production-ready designs tailored to market trends and cultural preferences in Asia and Africa.

● Created product packaging for tea brands, electronics, and automotive batteries
● Used Adobe Illustrator and Photoshop to develop eye-catching, print-ready designs
● Collaborated with marketing and print teams to ensure brand consistency and quality

Other
Projects

- Made Multiple Models in Blender,3ds Max - Automotive Modeling , Enviorment Modeling ,Etc
- Made an animated Police Car Chase Scene
- Made a 2D space shooting Game in Unity