ISTIAK **AHMED**

Istiak1021@gmail.com · 01315051057
LinkedIn · **Portfolio**

Computer Science graduate with experience creating a variety of applications, including games, simulations, multiplayer, virtual reality experiences, and Android apps. Extreme enthusiasm for emerging technologies like machine learning, artificial intelligence, and computer vision. committed to breaking new ground in the software development and emerging technology fields while actively seeking novel solutions to existing issues.

EXPERIENCE

NOV 01,2021 – PRESENT

SOFTWARE ENGINEER, ALIENIDE INTERACTIVE

As part of my current responsibilities, I am focused on developing various types of games, including 2D and 3D casual games, hyper casual games, and card games. Additionally, I am responsible for creating engaging VR experiences, high-performance WebGL applications, and native Android applications. I am also working on machine learning model and developing them to android Applications.

JUN 01,2021 – OCT 31,2021

ASSISTANT SOFTWARE ENGINEER, ARCLITE SYSTEMS LIMITED

I was responsible for developing a range of games, including 2D and 3D casual games, hyper casual games, and card games. I was tasked with creating exciting and challenging gameplay mechanics that kept players coming back for more. Additionally, I was responsible for ensuring that the games were optimized for performance across various platforms, including mobile, desktop, and VR.

EDUCATION

MARCH 2021

BSC, SHAHJALAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

Bachelor's Degree in Computer science and engineering
CGPA: 3.18

JANUARY 2015

HSC, CAMBRIAN ACHOOL AND COLLEGE

GPA: 5.0

JANUARY 2013

SSC, CAMBRIAN ACHOOL AND COLLEGE

GPA: 5.0

PROGRAMING LANGUAGES

- C#
- C
- C++
- Python
- Kotlin
- Java

SOFTWARE DEVELOPMENT

- Unity (VR, AR, Games)
- Unreal Engine (Games)
- Machine Learning (Pytorch, TensorFlow)

VERSION CONTROL

- Git

NATIVE ANDROID

- Android Studio

PROJECT

[Tiny Object Detection]

Our team used PyTorch YOLOv8 to develop a model for the World Food Programme (WFP) that can detect rice and kernels in food supplies. This model is an effective instrument for distributing food aid equitably and fulfilling the nutritional needs of those in need. We were able to construct a model with a high degree of accuracy for recognizing these essential food items through rigorous testing and training. Our efforts have benefited the World Food Programme's (WFP) efforts to end world hunger and enhance food security.

RESEARCH

- Legal and Regulatory Frameworks for Digital Assets in the Metaverse: A Blockchain-based Approach