

# **COMPANY PROFILE 2022**

We enable our clients to address challenges and enhance their businesses by designing high-tech interactive technology solution tailored to their needs

www.rrad.ltd info@rrad.ltd Level 3, House 4, Road 8, Block F Niketan, Dhaka 1212



### **OUR SERVICES**

With deep understanding of modern technology and strong expertise in multiple business domains, we implement comprehensive projects and deliver high-end interactive and, web, mobile and IoT solutions.

We develop augmented reality solution, virtual reality solution, game, custom software products tailored to specific business needs of our clients and support them throughout the whole process: from an idea to its implementation.

Our solid background, flexibility and full transparency enabled us to become a trusted technological partner for our clients. Robust Reseach and Development Limited is synonymous with top quality and high-end products & services.

### **EXPERTISE IN BUSINESS DOMAINS**





**DEFENSE** 



**ADTECH & MARKETING** 



**TRAVEL & HOSPITALITY** 



**EDUCATIONAL** 



**REAL ESTATE** 



**HEALTHCARE** 



RETAIL



**MEDIA & ENTERTAINMENT** 



LOGISTICS

### **SOLUTIONS WE BUILD**



AUGMENTED REALITY SOLUTIONS



VIRTUAL REALITY
SOLUTIONS



GAME DEVELOPMENT



360° VIRTUAL TOUR



CROSS - PLATFORM APP DEVELOPMENT



ENTERPRISE SOLUTIONS



SAAS PRODUCTS



E-COMMERCE WEBSITES



MVPS FOR STARTUPS



**LEARNING** 

### **TECHNOLOGIES WE USE**

### LANGUAGES

Dart
Python
Node.js
JavaScript
C#
C++
Kotlin

Swift

### FRAMEWORKS

Flutter
React
Angular
Andriod Studio
iOS
Unity
Unreal Engine

### **DATABASES**

MySQL
PostgreSQL
MongoDB
Redis
Memcached
MSSQL
Neo4j Graph
Elasticsearch
ClickHouse
AWS DynamoDB
AWS Redshift

### CLIENT SIDE

AngularJS EmberJS ReactJS Vue.js Bootstrap

### **SERVER SIDE**

Apache Nginx AWS Azure Google Cloud

#### API INTEGRATION

Payment Gateways
Google Apps
Ads platforms
Social Media
Geolocation
Travel APIs
Shipping APIs
Marketplaces

#### **REPORTING & BI**

JasperReports JasperServer BIRT Pentaho Talend

### **ECOMMERCE**

WooCommerce Joomla Shopify Drupal

### **BLOGS & FORUMS**

WordPress Blogspot Webflow.com

#### **MOBILE**

iOS Android

### **ANALYTICS TOOLS**

Google Analytics
Firebase Crashlatics

### IoT

Arduino Raspberry Pi Zigbee MQTT



## **FULL CYCLE DEVELOPMENT SERVICES**



#### **BUSINESS ANALYSIS**

We analyze business needs and offer the best solution for our clients.



#### **DEVELOPMENT**

We hire only highly experienced IT professionals.



#### **DEPLOYMENT**

We assist companies in deployment, scaling and maintenance of applications.



#### **UX/UI DEVELOPMENT**

We create seamless and efficient user flows.



#### **TESTING AND QA**

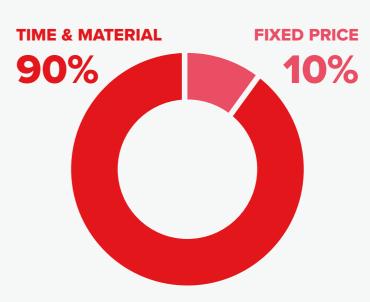
Our goal is to make our products work without fails.



#### **DATA MANAGEMENT**

We help to manage all the business data in the system the right way.

### **ENGAGEMENT MODELS**



Our clients are always active participants in the project development lifecycle, controlling the progress and having an opportunity to introduce changes at any time. As a result, we guarantee high quality of the final product and our services by supporting transparency of the working process.



# **OUR PROJECTS**

Our profound knowledge and extensive experience in web and mobile app development enables us to deliver high quality solutions for a wide range of industries and domains, including Defense, Adtech & Marketing, Ed-tech, Healthcare, Media & Entertainment









### **Bangladesh Customs Info**

The only location for any kind of import and export related reliable data in Bangladesh.

## **PROJECT OVERVIEW**

This app is a single platform to get all relevant information and ideas relating to HS Codes, regulatory requirements, duty structures, SROs, Import-export policies, acts, procedures, budgetary changes, and fiscal measures of Bangladesh Customs. Making it error-free and updated is a real challenge and the best effort has been rendered to achieve it. The latest regulatory changes have been incorporated as it happened. Its usage for noncommercial purposes is completely free. This is developed as part of the private contribution of Bangladesh Customs officials for moving towards a digital customs environment. This app has been duly approved by the National Board of Revenue (NBR), Bangladesh.

# **SOLUTION**

A cross-platform application with multiple user access levels to serve multiple types of customs-related content for viewing adding, updating, and deleting functionality.

### **MAIN FEATURES:**

**Customs Duty Related Information** 

### **■ TECHNOLOGIES**















🤼 Firebase Analytics



For more visit: bangladeshcustomsinfo.com



WEB APP | Health Care



## **Planetary Health Academia**

Planetary Health Academia has envisioned a future where every physician of Bangladesh has access to a world-class medical education. We will provide training in a total of 21 subjects through trainers around the world including UK, USA, Sweden & Australia, etc.



# **☀** SOLUTION

An interactive online medical ed-tech platform

### **MAIN FEATURES:**

Webinar, International Conference, Interactive Video Courses, Publications, Certification, Medical News

# **■ TECHNOLOGIES**











For more visit: planetaryhealthacademia.org



APP | Health Care



### **SureCare Cross Platform Application Development**

SureCare is an innovative responsive medical services platform that provides medical advisory services to its members. The platform is composed of a network of national and international doctors and practitioners as well as medical service providers in Bangladesh.



# SOLUTION

Cross-platform application for User, Field Agent, Reviewer, Admin, Hospital & Bank

### **MAIN FEATURES:**

Medical Board, Case review, Second Opinion, Physical Activity Tracking, EMI, Wellness Guide, Family Member Management

# **I** TECHNOLOGIES













Karaman Firebase Analytics

For more visit: https://surecare.services





SIMULATION | Defence





# **PROJECT OVERVIEW**

IED Simulator is an application developed for BANGLADESH ARMY. The main goal of the application is to train soldiers to detect, identify, contaminate and even destroy any IED/Explosive found in any terrorist activity. The main challenge of the project is to simulate a virtual environment and control the environment with a physical interface placed in the simulation room.

### **MAIN FEATURES:**

A desktop application equipt with ieds/explosive hardware interface.

# **TECHNOLOGIES**











VIRTUAL EXPERIENCE



**P4D Virtual CRC** A training simulation for Bangladesh Army

### Dear RRAD,

I wanted to reach out to tell you how pleased we are with the Virtual CRC. The quality is truly superior, and we are very grateful for your hard work and dedication to making this a functional and well-designed virtual space.

I have only noticed one change that is still needed, which is the calendars- we accidently sent you the downloaded PDF with the envolope pages, but we only need the actual calendar in there. Attached is that version. We will send you an updated version for 2022 once it is approved.

Many thanks again for all your hard work. We are very excited for the launch of the VCRC!

Best.



### PROJECT OVERVIEW

P4D's virtual CRC is an interactive online space where citizens can learn about the Social Accountability Tools like Right to Information Act, 2009, Citizen's Charter, Grievance Redress System, and National Integrity Strategy.

# **SOLUTION**

An online interactive virtual tour for citizens to learn about accountability tools

### **MAIN FEATURES:**

Realistic virtual CRC environment, Interactive communication material, localized options for information.

## **□** TECHNOLOGIES







For more visit: p4dvirtualcrc.info







**VIRTUAL REALITY | Culture** 



### **Heritage of Bangladesh**

Enjoy the rich heritage history of Bangladesh in Virtual Reality.



## **PROJECT OVERVIEW**

Bangladesh is heading towards the 50th anniversary of independence. Digital Bangladesh has been the key driving concept of our way ahead. Virtual Museum Bangladesh is the ultimate face of digitalization. Virtual reality (VR) is the latest visual technic and is the future. The whole world is moving towards this open-ended technology. VR is such a medium where we can capture time. We can create or recreate anything we want. It can be a structure. It can be an event. There is no doubt that our history and heritage is very rich and strong. But it is not well recorded and well communicated. Especially the next generation is not aware of the fact. Virtual Museum is such a project that will let them enjoy an unforgettable experience of the strength of our history and heritage.

# **SOLUTION**

Virtual Reality Application for Oculus Platform

# **TECHNOLOGIES**











For more visit: virtualmuseumbd.com









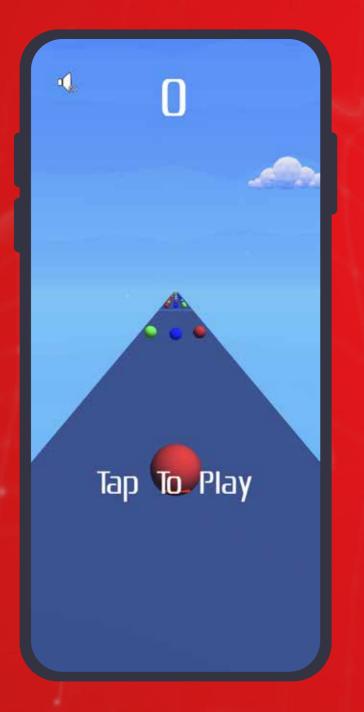




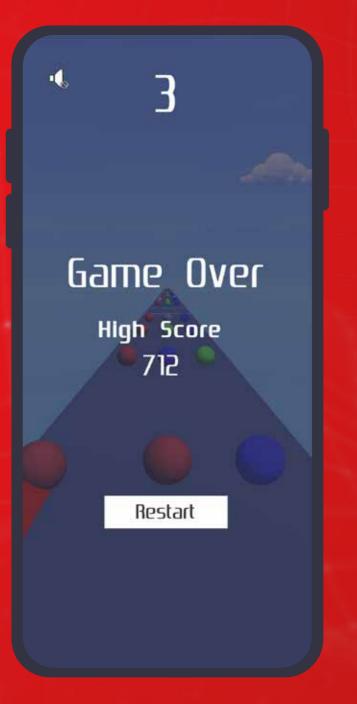


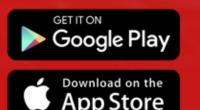
# **Rolling Ball Extreme**

This game is hyper-casual! It's a quick, easy, and fun game to play! There are no levels, the game just keeps getting faster and more difficult as you play! How long can you last?













## **HR-Hyper Runner 3D**

Hyper Runner 3D is a very entertaining game to play. In this game, you need to control a character fast as possible on a track full of obstacles. You need to be very careful and avoid all the obstacles, or else you will slow down and lose the game. The game is very challenging and addictive, and you will definitely enjoy playing it.



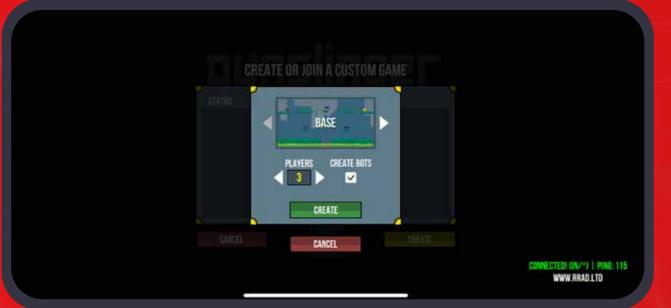


Game



# **GUNSLINGER**

















# **MATIR MOYNA**

The player must complete all the levels to win the game. The player must avoid obstacles to survive. The music of the game is very soothing. The player will feel calm while playing the game.





# **Sugar Rush**

In SUGAR RUSH, players need to tap to jump and avoid obstacles. The object of the game is to get as far as possible without hitting any obstacles.





## **Balloon Rush**

In Balloon Rush, you play as a balloon trying to avoid obstacles. You tap to jump and must avoid hitting anything in order to stay alive. The longer you stay alive, the higher your score will be. Balloon Rush is a simple, yet addicting, game that is perfect for casual gaming.

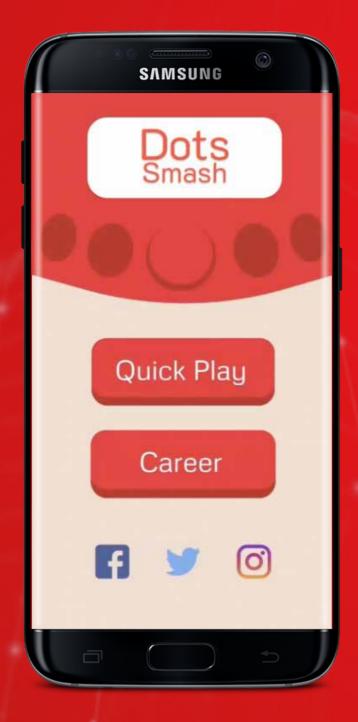






## **Dot Smash**

DOT SMASH is a casual mobile game where you need to match two or more same icons to score points. The game is easy to play but hard to master.





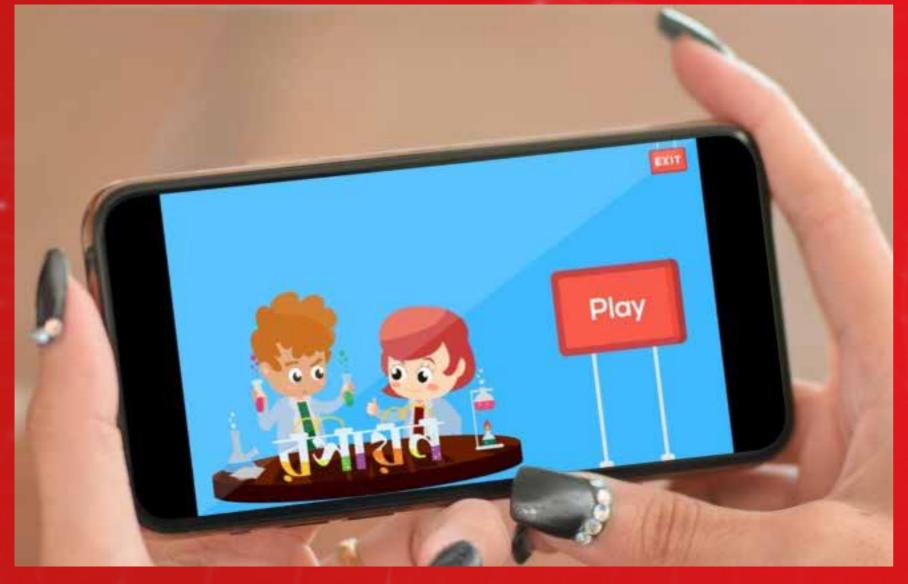


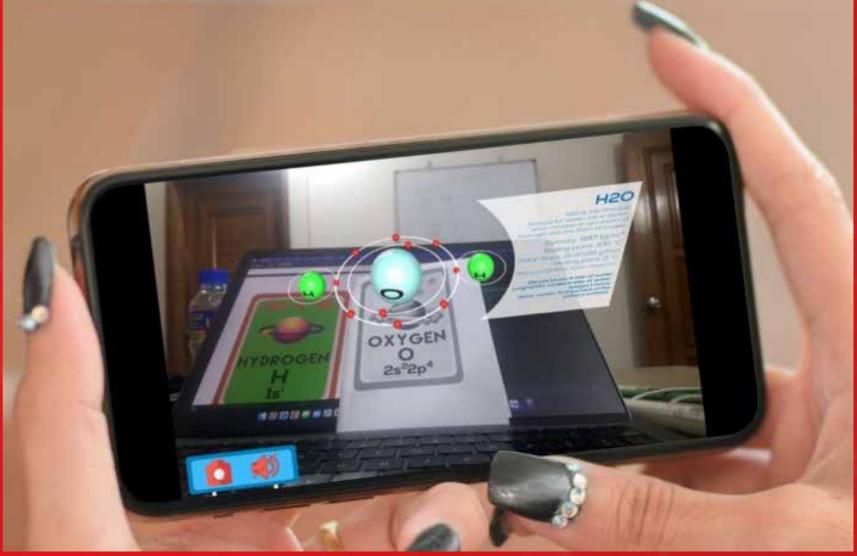


Augmented reality



# **ROSH-ION**







Augmented reality



# **BGB AR**



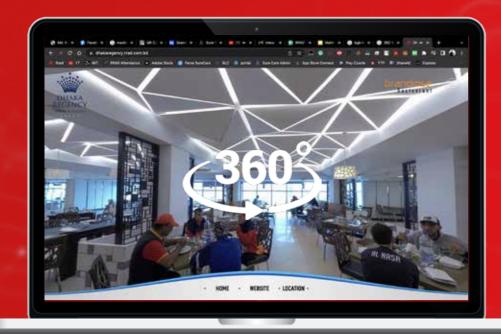








# **Virtual Tour**

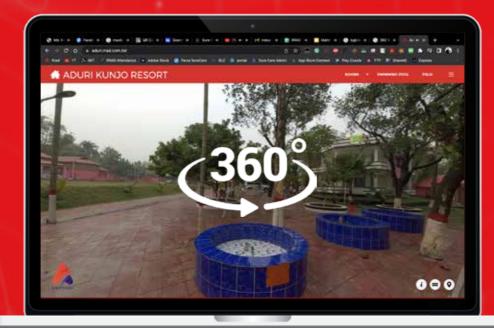


Visit dhakaregency.rrad.com.bd **Or Scan QR Core** 





# **Virtual Tour**



Visit aduri.rrad.com.bd **Or Scan QR Core** 





360 Video



Visit https://t.ly/6BdG **Or Scan QR Core** 







## **SOME OF OUR VALUABLE CLIENTS**









































# **OUR PARTNERS & PROJECTS**





















# OUR OFFICE



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# OTHER WAYS TO GET IN TOUCH

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