

TAHMID IQBAL

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South Badda, Dhaka, Bangladesh

SUMMARY

Game Developer specializing in optimized 2D/3D interactive experiences using Cocos Creator, Unity, and Godot. Recent CS graduate with a track record of building diverse, cross-platform applications in Flutter. Passionate about creating expressive gameplay, adding visual polish, and optimizing technical pipelines for seamless deployment.

EDUCATION

BRAC University Dhaka, Bangladesh
Bachelor of Science in Computer Science & Engineering (CGPA: 3.26) Fall 2021 – Summer 2025

Dinajpur Government College Dinajpur, Bangladesh
Higher Secondary Certificate - HSC (GPA: 5.00) 2020

Dinajpur Zilla School Dinajpur, Bangladesh
Secondary School Certificate - SSC (GPA: 5.00) 2018

TECHNICAL SKILLS

- **Game Engines:** Godot 4.6 (GDScript), Unity (C#), Cocos Creator 3.8.7 (TypeScript), Defold, PixiJS
- **Languages:** Python, C++, GdScript, Dart, C, PHP, JavaScript, React, Lua, Angular
- **Frameworks & Libraries:** Flutter, MERN/MEAN Stack, Django, ML/DL, React Native
- **Tools & Platforms:** Git, Linux, MySQL, Blender, Aseprite, STM-F446RE, Arduino, Raspberry Pi 4

EXPERIENCE

Revo Interactive Ltd. Gulshan, Dhaka, Bangladesh (On-site)
Game Developer Mar 2026 – Present

- Develop and optimize interactive playable games using Cocos Creator and TypeScript for deployment across ad networks like Mintegral, Unity, and Adikteev.
- Enhance player engagement by integrating game juice elements for both 3D and 2D games
- Engineered a custom *Squooosh_Batch_CLI* tool using Bash scripting to process and compress bulk PNG/JPG assets, significantly optimizing the game asset pipeline.
- Developed *OneForAll_CocosPackageAutomation* tools to streamline cross-platform publishing workflows.

Revo Interactive Ltd. Gulshan, Dhaka, Bangladesh (On-site)
Game Developer Intern Dec 2025 – Feb 2026

- Gained hands-on expertise in *PixiJS* and *Cocos Creator*, focusing on optimized 2D & 3D physics rendering.
- Engineered non-linear gameplay progression and managed state transitions for client projects.

BRAC University Computer Club (BUCC) Dhaka, Bangladesh
Director of Press Release & Publications 2022 – 2025

- Authored tech-articles and co-organized major campus events which includes IntraHacktive and AI Workshops.

BRAC University Communication & Language Club (BUCLC) Dhaka, Bangladesh
Director of Publication 2022 – 2025

- Organized major university events including SPEAKATHON, Speak Bold, and Cultural Exchange.

TRAININGS & CERTIFICATIONS

- Android Development – Angela Yu, Udemy
- Machine Learning – Andrew Ng
- Full-Stack JavaScript – The Odin Project
- Duke of Edinburgh International Award – Bronze Level

PROJECTS

Nintendo XD: Retro Gaming Console <i>emu8086 Assembly</i> - Built a retro-inspired gaming console using 8086 assembly language - Features classic games: Wordle, Rock-Paper-Scissors, Number Guesser - Designed for educational and nostalgic gameplay; more titles in development - Game Here	2024
RougeKnight: 2D Platformer Game <i>Godot Engine, GDScript</i> - Developed a rogue knight adventure game with coin collection mechanics - Built first level using free assets; live on itch.io - Download & Play - Watch Gameplay	2024
PomoKaijuu: Mobile Productivity App <i>Flutter, Firebase</i> - Pomodoro-based app with task management, rewards, and gamification - Designed for productivity with intuitive UI/UX - Used GoogleAuth for authentication & Firebase for Database	2023
Test-of-Strength: 2D Action Game <i>Python, OpenGL</i> - Developed and animated player character movements, attack and block transitions using OpenGL - Visual design and character drawing pipeline in the <code>tahmid1_drawing_char</code> and <code>animation</code> branches - Integrated combat mechanics, stances, and boss poise system for a dynamic gameplay experience	2024
Expedition Compiler <i>C, Lex (Flex), Yacc (Bison)</i> - Compiler Design project themed around a fantasy expedition through syntax and semantics - Implemented lexical analysis, syntax parsing, and modular symbol table system - Includes token and error logging with fantasy-styled structured outputs	2025
MordorSH: A Lord of The Rings Inspired UNIX Shell <i>C, UNIX</i> - A custom UNIX shell in C inspired by Tolkien's Middle-earth, supporting core CLI operations - Implemented piping, I/O redirection, command sequencing, and history navigation features - Added themed commands like <code>neofetch</code>, <code>man</code> - For immersive experience created <code>mkdir</code>, <code>cd</code>, <code>ls</code>, <code>echo</code>, <code>exit</code> & interrupt command	2025
Student Management & Engagement System <i>PHP, MySQL, HTML/CSS/JS</i> - Student Community forum, transportation booking, and blood donation modules - Improved student engagement and system usability	2023
Care4All: Medical Web Platform <i>MongoDB, Express.js, React, Node.js</i> - Developed a healthcare platform serving humans and pets with appointment booking, hospital locator, and knowledge base features - Integrated Google Maps API and secure patient-doctor communication routes - Designed responsive UI and scalable backend for smooth multi-user experience	2024
Budget Like A Raven: Personal Finance App <i>Flutter, Dart, Material Design</i> - Built a cross-platform personal finance app to track income, expenses, remaining balance & recent transactions - Developed intuitive UI with Flutter and Material Design for Android and iOS devices - Implemented features for adding, viewing, and resetting financial entries, with plans for charts and category management	2025
pookie_scheduler_prototype: University Class Scheduler <i>C++, Dart, Swift, CMake</i> - Built a personal university class scheduler that shows class times and locations, adjusting schedules automatically during Ramadan - Developed cross-platform functionality for desktop and mobile using C++, Dart, and Swift	2024

- Integrated responsive UI updates and timetable logic for accurate scheduling

Smart Coffee Machine | *Arduino Uno, C/C++, I2C, PWM, OneWire* 2025

- Designed an automated coffee machine integrating sensors, actuators, and microcontroller logic
- Implemented brewing, mixing & mug detection using IR sensors, PWM motors, and temperature monitoring
- Communicated with OLED display via I2C and temperature sensors via OneWire for real-time feedback
- [Watch on YouTube](#)

ShopeeMart: B2B and B2C Marketplace | *MongoDB, Node.js, React, Tailwind CSS* 2024

- Developed a full-stack marketplace supporting both B2B and B2C with admin CRUD functionalities
- Built responsive frontend with React and Tailwind CSS and backend with Node.js and MongoDB
- Configured secure environment and database connections for reliable operation

Yoga Master Website: MERN Project | *MongoDB, Express.js, React, Node.js* 2024

- Implemented authentication, CRUD operations, and admin panel for user and content management
- Developed secure backend routes with Express.js and MongoDB
- Enhanced frontend UI with React for improved user experience

Solar Outcast: Top-Down Shooter Game | *Flutter, Dart, C++* 2024

- Top-down space shooter game in Flutter which navigate the solar system and battle enemies
- Implemented game mechanics including player movement, combat & exploration
- Game is live on itch.io: [Play Now](#)

VendingMachine.FSM: \$60 Product Vending Machine | *Altera Quartus 8.1, Mealy FSM, Verilog, VHDL* 2025

- Designed a Mealy-based finite state machine to manage a \$60 product vending machine problem
- Implemented state diagram, Verilog code, and waveform simulations for accurate transaction handling
- Developed hardware logic using Altera Quartus 8.1 integrating FSM concepts with VHDL and Verilog

RAVEN_VSFS: Very Simple File System Validator and Repair Tool | *C, Makefile* 2025

- Developed a file system image validator and repair utility for the Very Simple File System (VSFS) in C
- Implemented superblock, inode, and data block validation with interactive repair capabilities for inconsistencies
- Tracked block usage, detected duplicate/orphaned blocks, and ensured post-repair filesystem consistency

Ford Car Price Prediction | *Python, Jupyter Notebook, Machine Learning* 2024

- Built a model to predict Ford car prices with 88% accuracy using Logistic Regression
- Compared Logistic and Linear Regression for classification vs regression tasks
- Visualized model predictions and correlations to improve interpretability

Tiny Projects Vault | *Python* 2023 – 2025

- PyChatbot: Attempted chatbot implementation using APIs (limited by API tokens)
- Email Automata: Automated email handling with connection bug fixes
- Password Generator: Simple password generator utility
- QR Code Generator: Created QR codes with custom color palettes

SOFT SKILLS

- Team Collaboration, Problem-Solving, Time Management, Communication

EXTRACURRICULAR ACTIVITIES & HOBBIES

- Robotics Enthusiast (Arduino & Raspberry Pi)
- Music (Rabindra Sangeet & LOFI), Vocal Verse – BUCLC
- Volunteer Work: BRACU 16th Convocation, TechConnect Career Fair
- Hobbies: Keyboard Modding, Competitive Gaming, Reading, Music

LANGUAGES

- Bangla (Native), English (Proficient), Japanese (Beginner)