

MD. SHAKIL ANOWER SAMRAT

Game Developer · AI/ML Engineer · Full Stack Developer

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PROFESSIONAL SUMMARY

Computer Science & Engineering student and CEO of Softsasi - a software, game, and AI development company. 4+ years of professional experience delivering 20+ real-world products across game development, AI/ML engineering, and full-stack web development. Shipped 8+ Unreal Engine 5 game titles, 5 production AI systems, and 8 enterprise web platforms. Top Rated on Upwork with 100% job completion. Two-time NASA Space Apps Challenge finalist (Champion 2022, 1st Runner-Up 2025). Microsoft AI Engineer certified. Actively seeking roles in game development, AI/ML, or full-stack engineering - remote preferred.

TECHNICAL SKILLS

Game Development: Unreal Engine 5, Blueprint, NiagaraFX, Lumen, Chaos Physics, MetaHuman Creator, Gaea, Blender 3D, Mixamo, Pixel Streaming, MetaSounds

AI / ML: PyTorch, TensorFlow, Hugging Face Transformers, Unsloth, LLM Fine-Tuning, RAG Pipelines, NLP, Prompt Engineering, Agentic AI

Full Stack Web: TypeScript, Node.js, JavaScript, PHP, Tailwind CSS, Flutter, Firebase, MySQL, HTML/CSS, Bootstrap, REST APIs

Cloud & DevOps: AWS (EC2, S3, SageMaker), Linux, Git, Docker (familiar), cPanel, Vercel, CI/CD concepts

Programming: Python (A), Blueprint (S), TypeScript (S), JavaScript (B), PHP (B), Java (B), C (C), Matlab (B)

Security & OS: Cyber Security (A), Linux Kernel Development, OS Architecture, Bootloader, Package Management

Design & Graphics: Figma, Adobe Illustrator, Photopea, Canva, Affinity, UI/UX Design, Branding

Soft Skills: Project Management, Team Leadership, Research, Prompt Engineering, Technical Writing, Digital Marketing

PROFESSIONAL EXPERIENCE

Chief Executive Officer & Lead Developer

January 2022 – Present

Softsasi · Mymensingh, Bangladesh · softsasi.com

- Founded and scaled Softsasi into a 12-person software, game, and AI company delivering products across game development, AI/ML, enterprise web, cybersecurity, and UI/UX design.
- Led delivery of 20+ production systems - games, AI tools, ERP platforms, e-commerce stores, and research projects - serving clients across Bangladesh and internationally via Upwork.
- Managed cross-functional teams of 1–6 engineers; mentored developers in AI/ML, web, and game development tracks.
- Achieved 98.2% client satisfaction, 99% system uptime, and 14x operational growth (2022–2026).
- Rated 5/5 on Clutch and TechBehemoths | 4.3/5 on Trustpilot | TechBehemoths Global Excellence Award 2025 winner.

AI Developer - InsightFlow (AI Decision Support)

June 2025 – October 2025

Softsasi · Stack: PyTorch, TensorFlow, Hugging Face, Unsloth, AWS

- Built AI scenario simulation and forecasting platform for business planning using fine-tuned LLMs on AWS infrastructure.
- Designed end-to-end ML pipelines: data ingestion, model training, evaluation, and cloud deployment.

AI Developer - BookAI (Generative AI Book Engine)

September 2025 – January 2026

Softsasi · Stack: Hugging Face, Unsloth, PyTorch, AWS

- Engineered generative AI system creating structured multi-chapter books from topic inputs using fine-tuned LLM models.
- Implemented flexible generation modes and export features; optimized inference speed via Unsloth quantization.

AI Developer - ClimaXplore (AI Weather Intelligence)

April 2025 – August 2025

Softsasi · Stack: PyTorch, TensorFlow, NASA Open Data, AWS

- Developed AI-powered weather forecasting system integrating live NASA meteorological data with custom ML prediction models.
- Awarded 1st Runner-Up, NASA Space Apps Challenge 2025 for scientific innovation and practical AI application.

AI Developer - Metahuman AI Makeup App (Contract)

March 2023 – April 2024

Formicum 3D via Upwork Global Inc. · Remote (International)

- Delivered production AI-driven Metahuman makeup application using UE5, Pixel Streaming, Python, and JavaScript for a 20+ person international team.
- Managed GPU-intensive real-time rendering pipeline deployed on Linux cloud infrastructure.

Game Developer - Axel (3D Multiplayer Shooter)

May 2022 – June 2022 | Award Winner

Softsasi · Stack: Unreal Engine 5, Blueprint, NiagaraFX, Lumen, Chaos, MetaHuman, MetaSounds

- Solo-built cross-platform 3D multiplayer shooter (Windows, Mac, Linux, Android, iOS, Web) with cinematic UE5 systems.
- Champion - National Mobile Game & Apps Competition 2023.

Game Developer - Laniakea (Educational Space Game)

August 2022 – September 2022

Redshift / Softsasi · Stack: UE5, Blueprint, NiagaraFX, Lumen, MetaSounds

- Built space science educational game within 48-hour hackathon window - 3-person team.
- Champion - NASA Space Apps Challenge 2022, Mymensingh Regional.

Game Developer - Shipwreck Prime Shooter (Naval Combat)

March 2024 – December 2024

Softsasi / ICT Division, GOB via Olivine Limited · Stack: UE5, Blueprint, NiagaraFX, Lumen, Multiplatform

- Solo-developed naval combat platformer for Bangladesh government initiative with ocean simulation, cannon physics, enemy AI, and multi-platform delivery.

Game Developer - Borof-Pani (Winter Platformer)

August 2024 – December 2024

Softsasi · Stack: UE5, Gaea, Blueprint, NiagaraFX, Lumen, MetaSounds

- Built realistic winter environment with Gaea terrain simulation, Lumen lighting, and NiagaraFX ice/snow particle systems.

Game Developer - Math Flight & SkyMath Quest (Educational)

March 2024 – December 2024

Softsasi / ICT Division, GOB via Olivine Limited · Stack: UE5, Blueprint, Multiplatform

- Developed two educational flight-based math games for government deployment; full production pipeline as solo developer.

QA Tester - Forward Assault (Contract)

February 2024

Blayze Games LLC via Upwork Global Inc. · Remote (International)

- Conducted 51-point exploratory QA review of Forward Assault (10M+ downloads FPS) - identified 19 improvement points including 2 critical deal-breakers. Rated 5/5 by client.

Developer - ERP System (Lead)

December 2024 – March 2025

Softsasi · Stack: TypeScript, Node.js, Tailwind CSS, Flutter, Firebase

- Led a team of 6 to deliver all-in-one ERP covering HR, payroll, accounting, CRM, inventory, POS, and analytics dashboards.

Developer - E-Commerce, Booking & Real Estate Platforms

December 2024 – April 2025

Softsasi · Stack: TypeScript, Node.js, Tailwind CSS, Flutter, Firebase

- Built multi-vendor e-commerce (Daraz/Amazon-style), real estate portal, and booking system - each with admin panel, payment integration, and mobile-responsive frontend.

Developer - CubicSEC (Cybersecurity Platform)

January 2025 – April 2025

Softsasi · Stack: Node.js, TypeScript, Cybersecurity Tools, Linux, Cloud Hosting

- Built vulnerability analysis, threat monitoring, and digital security management platform using Node.js, TypeScript, and Linux.

Software Engineer

August 2022 – September 2023

DhumketuX LLC · Mymensingh, Bangladesh

- Developed DhumketuX OS - full Linux OS including kernel, bootloader, desktop environment, and package management system.
- Built Rocket Engine Monitoring System UI in UE5 Widgets for a 20-person aerospace engineering team.

Researcher

January 2020 – December 2024

Alpha Science Laboratory · Mymensingh, Bangladesh

- Conducted applied research in robotics and ML - developed Robot Soccer Bot (Flash) and Line Follower Robot with ML guidance.
- Presented at ASL Brainiac 2022, iTech Expo 2022 (IIT Bombay Techfest), and NASA Space Apps 2022–2025.

EDUCATION

Bachelor of Science in Computer Science & Engineering

2020 – Present

Mymensingh Engineering College · Affiliated with University of Dhaka · Grade: BSc in Engineering

- Relevant Coursework: Software Engineering (A+), Application Development (A+), Software Design Patterns (A+), Machine Learning, Microcontroller Systems (A+), Internet Programming (A+), Project (A+).
- Leadership: Convener, BASIS Student Forum MEC Chapter (2023–2025) | Executive Member, MEC Computer Club (2023)

AWARDS & ACHIEVEMENTS

- **Champion - NASA Space Apps Challenge 2022 (Regional)** - Project: Laniakea, Mymensingh Regional Round
- **1st Runner-Up - NASA Space Apps Challenge 2025 (Regional)** - Project: ClimaXplore, AI Weather Intelligence System
- **Champion - National Mobile Game, Apps & Job Festival 2023** - Project: Axel, 3D Multiplayer Shooter
- **1st Runner-Up - National Science Fest 2023** - Project Showcase Segment
- **1st Runner-Up - ASL Brainiac 2022** - Project Showcase Segment
- **Finalist - Code Samurai 2022 & 2023** - Inter-University Hackathon
- **Finalist - National STEAM Olympiad 2024** - National Science & Technology Competition
- **Ranked 5th Best Game Developer in Bangladesh** - Upwork Global Inc., 2024
- **Top Rated Freelancer - Upwork Global Inc.** - 100% Job Completion Rate, 2022–2025
- **TechBehemoths Global Excellence Award 2025** - Categories: WordPress, React.js, Web Development
- **Level 11 / 200,000+ XP** - Microsoft Learn Platform
- **President - DevSphere Hackathon 2025** - Co-organized with Softsasi, ASL, FlexSoft, Softbeez - 23 teams

CERTIFICATIONS

- AI Engineer Career Path - Microsoft Learn
- NASA Open Science 101 - NASA (Mar 2025)
- Web Design & Development - ICT Division, GOB
- Graphics Design - ICT Division, GOB
- SQL Database Queries - BizTech Matters / Skillshare
- Prompt Engineering - SoloLearn
- Python Development (100 Days+) - SoloLearn
- Microsoft Educator Trainer Academy - Microsoft Learn

LEADERSHIP & COMMUNITY

- Convener - BASIS Student Forum, MEC Chapter (2023–2025)
- Executive Member - Mymensingh Engineering College Computer Club (2023)
- Campus Ambassador - ICT Olympiad Bangladesh (2022)
- Organizer - Machine Learning & Intelligent Software Systems Webinar (2024)
- Organizer - .NET Conference at Mymensingh Engineering College (2023)
- President - Aspiring Scholars of Kushtia (2024–2025)
- Rover-Scout Member - Qadirabad Cantonment Sapper College (2017)
- Participated: MEC CSE Carnival, iTech Expo (IIT Bombay), BASIS National ICT Awards, NASA Space Apps 2022–2025, DUET Techfest, BIG 2023, A2I AI Innovation Challenge 2023, TVE Skill Innovation Fest 2024.

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