**Shoaib Ibna Omar**

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# EDUCATION

Daffodil International University Dhaka,

Bangladesh

*B.Sc. in Computer Science Expected Graduation, August 2026*

* **Concentrations:** Game Development and Project Management
* **Related Coursework:** Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Combinatorics, Machine Learning, Artificial Intelligence, Object-Oriented Programming, Statistics & Applications

# EXPERIENCE

Aamira Software Solution 3222 Somers Drive, Kokomo, Indiana, 46902

*Game Developer Intern (Remote) January,2025 – July 2025*

* **Developed** an interactive AR game using Unity and C# **by integrating ARCore and optimizing gameplay mechanics**, **which enhanced user immersion and engagement**.
* **Led** the intern team as a representative **by coordinating tasks, facilitating communication, and presenting progress updates**, **which ensured smooth collaboration and timely project completion**.
* **Optimized** AR game performance **by refining asset management, reducing latency, and improving real-time tracking accuracy**, **which resulted in smoother gameplay and better user experience**.

Growbrandly Dhaka,Bangladesh

*Lead Game Developer June 2024 – Present*

* **Led** game development projects at Growbrandly **by overseeing the design, development, and deployment of interactive games**, **which ensured high-quality deliverables and timely execution**.
* **Enhanced** game performance and user experience **by optimizing code, implementing efficient asset management, and refining gameplay mechanics**, **which resulted in smoother performance and increased player engagement**.

Sister’s Group Limited Dhaka,Bangladesh

*Social Media Manager Jun 2023 - Present*

* **Managed** social media strategies for Sister's Group Limited **by creating engaging content, analyzing audience insights, and running targeted ad campaigns**, **which increased brand visibility and customer engagement**.
* **Boosted** online sales and community interaction **by implementing data-driven marketing approaches, responding to customer inquiries, and optimizing post schedules**, **which led to higher conversion rates and improved customer retention**.

# PROJECTS

AR Campus Navigation

*Solo Development Jun 2024 – July 2024*

* **Developed** an AR-based campus navigation app **using Unity, C#, ARCore with Mapbox API for real-time GPS mapping**, **which provided precise location-based guidance for users**.
* **Enhanced** navigation accuracy and user experience **by optimizing AR markers, refining route visualization, and leveraging Mapbox’s geospatial data**, **which improved wayfinding efficiency and usability**.

Examiz

*Solo Development November2023 – December 2023*

* **Developed** an exam management system **using Java, MySQL, and XAMPP for local database hosting**, **which enabled secure user authentication.**
* **Implemented** key features like user registration **by designing a structured database and optimizing query performance**, **which improved system reliability and usability**.

# ACTIVITIES AND LEADERSHIP

AR/VR & Game Development Lab DIU

*President January 2025 – August 2026*

* **Led** the AR VR and Game Development Lab at DIU **by overseeing research initiatives, mentoring students, and organizing workshops**, **which fostered innovation and skill development in immersive technologies**.
* **Expanded** the lab’s impact **by collaborating with industry professionals, securing resources, and initiating hands-on projects**, **which enhanced student engagement and real-world application of AR/VR and game development**.

# ACHIEVEMENTS

* **Galactic Problem Solver - NASA Space App Challenge 2024**
* **Secured 9th Position - Takeoff Programming Competition**

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# SKILLS

**Programming:** Java, Python, SQL, Node.js, Django, C++, C, C#, Kotlin

**Tools:** Unity, Microsoft Office, Android Studio, IntelliJ, PyCharm, Jupyter Notebooks, Git, Bootstrap, Agile.

Reference Professor Dr. Sheak Rashed Haider Noori Md Hasanuzzaman Dipu Head, Department of CSE Assistant Professor, Department of CSE

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