SAIKAT MANDAL

SDE III | LEAD UNITY GAME DEVELOPER

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PROFESSIONAL SUMMARY

Software Development Engineer (SDE III) and Lead Game Developer with 11+ years of experience in game development, software architecture, and technical leadership. Expertise in Unity, C#, PixiJS, JavaScript (ES5), multiplayer systems, dedicated game servers, VR, and cross-platform console development. Experienced in building scalable, maintainable architectures, implementing gameplay systems, optimizing performance, and leading teams to deliver high-quality game prototypes, reusable solutions and cross-platform experiences while ensuring code quality, reliability and efficient project delivery.

TECHNICAL SKILLS

- Unity
- JavaScript (ES5)
- Photon PUN
- Node.js Multiplayer
- Nintendo Switch
- VR Games & Simulations
- SQL
- Playfab
- SVN
- C#
- Dedicated Multiplayer Servers
- MLAPI
- Mobile Games
- Xbox / Xbox One / Xbox Series X|S
- Slot Games
- Microsoft Azure
- Git
- Unity Version Control
- PixiJS
- Turn-Based Multiplayer
- Netcode
- PC Games
- PlayStation 4 / PlayStation 5
- Casual Games
- AWS
- Gitlab

WORK HISTORY

SDE III – Slot Prototype | March 2025 – Present

Arrise Solutions (India) Pvt. Ltd. | Kolkata

- Lead slot-prototype game development, including game-flow architecture and core game-logic design.
- Guide the team in building high-quality, functional, and scalable prototypes.
- Focus on technical architecture, gameplay systems, and collaboration to translate game concepts into working prototypes.

Lead Unity Game Developer | September 2022 – March 2025

Red Apple Technologies Pvt. Ltd. | Kolkata

- Architected scalable game systems designed to support future enhancements with minimal changes to core structures.
- Built maintainable, reusable, and efficient solutions for evolving product requirements.
- Led development planning, delegated work according to team strengths, tracked progress, and supported timely delivery.

Senior Unity Game Developer | July 2021 – September 2022

GodSpeed Games | Pune (Remote)

- Ported games to Nintendo Switch, PlayStation 5, Xbox Series X|S, and Xbox One.
- Adapted game architectures to platform-specific requirements and hardware constraints.
- Improved performance, resource management, compatibility, and gameplay consistency across console platforms.

Unity Game Developer | January 2019 – July 2021

Red Apple Technologies Pvt. Ltd. | Kolkata

- Implemented game logic and gameplay mechanics for casual, multiplayer, dedicated-server, and VR projects.
- Developed core gameplay systems and features, integrated multiplayer functionality, and maintained code quality, performance, and reliability.

Junior Unity Game Developer | October 2015 – January 2019

Digital Aptech Pvt. Ltd. | Kolkata

- Developed gameplay logic and features for casual, turn-based multiplayer, Photon-based, and Node.js-based multiplayer games.
- Integrated multiplayer functionality and collaborated with the team to deliver engaging, reliable game experiences.

Trainee Unity Game Developer | May 2015 – September 2015

Radikal Labs | Kolkata

- Learned and explored Unity tools while creating reusable game-logic modules.
- Supported senior developers with shared gameplay functionality to improve development efficiency and consistency.

Trainee Windows Application Developer | November 2014 – April 2015

Webzemini Software Pvt. Ltd. | Kolkata

- Learned Windows application development, database design, and implementation of complete software solutions.

PORTFOLIO

https://saikatmadhab.github.io/Portfolio/Portfolio.html

EDUCATION

MCA – Master of Computer Applications | Vidyasagar University | May 2012 – May 2015 | Marks: 74.9%

BCA – Bachelor of Computer Applications | W.B.U.T | May 2009 – May 2012 | Marks: 79.1%

Higher Secondary (H.S.) | W.B.C.H.S.E | May 2007 – May 2009 | Marks: 51%

Madhyamik Examination | W.B.B.S.E | May 2001 – May 2006 | Marks: 53%

LANGUAGES

Bengali (Native) • Hindi (Upper Intermediate) • English (Upper Intermediate)

PERSONAL DETAILS

Nationality: Indian

Date of Birth: 04 Nov 1990

Gender: Male

Marital Status: Married

Father: Late Madhab Mandal

Mother: Madhabi Mandal

Declaration: I hereby declare that the details provided above are true and correct to the best of my knowledge.