

Md. Abir Hasan Khan

SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

Software and game developer skilled in full-stack development, game design, and emerging technologies. Experienced in building scalable, production-ready applications from scratch, automating manual workflows, and owning projects end to end. Strong background in remote collaboration, agile development, and continuous innovation to drive impactful technical solutions.

PROFESSIONAL EXPERIENCE

Web Developer | XIAA

Oct 2025 - Present

- Contributing to multiple web development projects, including WeWave and Kiibee platforms as part of a distributed engineering team.
- Developing and maintaining client-facing websites using WordPress, ensuring responsive design and optimal user experience.
- Collaborating with remote team members to deliver projects on schedule while maintaining code quality standards.
- Gaining practical experience in professional development workflows, version control, and team-based project delivery.

Social Media Manager | MADISON FILMS

Dec 2025 - Present

- Managing comprehensive social media strategy and presence across YouTube, TikTok, Facebook, and Instagram for an upcoming children's animated storytelling project.
- Collaborating directly with writer and film producer Kellie Madison (USA) to build brand awareness and audience engagement ahead of the animated series launch.
- Creating, curating, and scheduling engaging content tailored to children's educational entertainment audience.
- Developing and executing marketing strategies to maximize reach and engagement for a growing multimedia brand.

Software Engineer | Liveincodes

Mar 2025 - Aug 2025

- Contributed to the Software Development Department, delivering production-grade web applications for clients and internal platforms in a fully remote capacity.
- Successfully launched three major client projects:
 - Rickshawandco.com – Restaurant website built with Nuxt.js, Tailwind CSS, and Sanity CMS, deployed on DigitalOcean
 - Rajaranirestaurant.com – High-performance restaurant website optimized for SEO and user experience
 - AmarReview – Full-stack PWA with frontend, backend, and admin panel using Nuxt.js, Tailwind CSS, and Supabase

- Took complete ownership of features from conception to deployment, ensuring scalability, performance optimization, and adherence to best practices.
- Collaborated effectively with cross-functional teams while independently managing production modules.
- Implemented agile practices, Git workflows, and CI/CD pipelines to ensure reliable and smooth releases.

Software Engineer | Crystal Composite Ltd

Dec 2024 - Mar 2025

- Spearheaded the development of the company's first in-house automated dyeing solution, replacing inefficient manual Excel-based workflows and significantly improving operational efficiency.
- Conducted comprehensive requirement engineering through staff and factory worker interviews, documenting existing workflows and designing technical specifications.
- Architected and implemented the database structure from the ground up using PostgreSQL and Drizzle ORM.
- Developed and deployed a full-stack ERP system using Node.js, Express, React, and Chakra UI on a VPS infrastructure.
- Delivered an Alpha version that demonstrably enhanced process tracking, data accuracy, and overall operational efficiency.
- Owned the complete Software Development Life Cycle (SDLC) from planning and development through testing and deployment.

SKILLS

- **Programming Languages:** Java, C, C++, C#, JavaScript, TypeScript, Python, PHP
- **Development Tools & Platforms:** Unity, Android Studio, XML
- **DevOps & Deployment:** GitHub, Docker, CI/CD Pipelines, DigitalOcean, VPS Management
- **Web Technologies & Frameworks:** React.js, Vue.js, Nuxt.js, Node.js, Express.js, WordPress
- **Databases:** PostgreSQL, MySQL, Supabase, NoSQL
- **Methodologies:** Agile, SDLC, Requirement Engineering, Full-Stack Development

EDUCATION

Bachelor of Science in Computer Science and Engineering

2019 - 2024

East West University | Aftabnagar, Dhaka

CGPA: 3.06

Higher Secondary Certificate (Science)

2016 - 2018

Govt. Science College | Tejgaon, Dhaka

GPA: 3.08

Secondary School Certificate (Science)

2016

Banani Bidyaniketan School & College | Banani, Dhaka

GPA: 5.00

RESEARCH & PUBLICATIONS

Social Gatherings Through Virtual Reality (VR)

East West University | January 2024

Investigated how Virtual Reality enhances social interactions through immersive environments, examining the technology's design, implementation, and impact on social behavior in the digital age. Focused on redefining human connections through innovative VR applications.

PROJECTS

Social Gatherings Through VR Application (Unity)

[Link](#)

Developed an immersive VR application that enhances social interaction by bridging physical and geographical gaps, enabling real-time communication, collaboration, and authentic social experiences within interactive virtual environments.

EWU Book Buy & Sell Web Application (PHP)

[Link](#)

Built a secure online marketplace for East West University students to buy and sell used books, featuring user authentication, account verification, book management, and streamlined transaction workflows.

Capstone Management System Web Application (PHP)

[Link](#)

Engineered a web-based capstone project management system for East West University, enabling student registration, group formation, faculty monitoring, administrative project allocation, progress tracking, and assessment.

BloodPlus (Android)

[Link](#)

Developed a mobile application connecting blood donors and recipients during emergencies, featuring Firebase-based authentication and real-time data access, offline support with SQLite, and integrated health tips to boost user engagement.

CERTIFICATIONS

Project Showcasing Competition

April 2024

Issued by East West University

LANGUAGES

English: Business Proficiency

Bangla: Native

PROFESSIONAL INTERESTS

- Full-Stack Development • Game Development • Virtual Reality • Automation & ERP Systems • Remote Collaboration • Emerging Technologies