

Tanvir Hasan Tamal

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WORK EXPERIENCE

TECHY'S

July-2025 - Present

Junior Full Stack Developer (Remote)

- Contributing to client projects as part of a collaborative development team. Responsible for building and maintaining frontend features using Next.js and developing backend services with Express.js & prisma. Actively involved in implementing responsive UI, RESTful APIs, and ensuring smooth integration between frontend and backend systems.

DEEPCHAIN LABS

Oct-2024 - Feb-2025

Software Engineer Trainee (Internship) || [Recommendation Letter](#)

- Developed full-stack features for Kazentic, a multi-tenant SaaS platform designed as a comprehensive remote office suite, integrating project management, CRM, HRM, billing, analytics, and task management.
- Worked on backend development for Calendar and Teams modules and played a key role in frontend development and integration for Calendar, Forms, Payroll, Teams, Organization Settings, and 10+ critical modules.

EDUCATION

AMERICAN INTERNATIONAL UNIVERSITY - BANGLADESH

Bachelor of Science in Computer Science and Engineering (3.63/4.00)

2021 - 2025

Major in Software Engineering, Minor in Information System

Thesis - Towards a Next Generation Blockchain: A Framework for Future Innovation and Enhanced Efficiency.

Relevant Courses: Advanced Programming In Web Technologies (NestJS, Next.js, Postgres), Advance Programming With .NET(.NET Framework, MSSQL, Entity Framework, SOLID, N-Tier), Software Requirement Engineering (SDLC)

UNIVERSITY PROJECTS

Solana-Based NFT Minting dApp (Solana Web3.js, Next.js, Phantom Wallet, Pinata) [Solana-Based-NFT-Minting](#)

- Developed a decentralized NFT minting platform on the Solana blockchain. Built the Next.js frontend integrated with Solana Web3.js and Phantom Wallet for blockchain interactions. Used Pinata (IPFS) for decentralized storage of NFT metadata and assets.

Travel Planner (.NET, Next.js, MSSQL, Entity Framework, LINQ) [Travel-Planner](#)

- Designed and developed a full-stack travel planning application. Built the ASP.NET Core Web API backend and the Next.js frontend, applying SOLID principles and clean architecture with MSSQL and Entity Framework for efficient data management.

Decentralized Chain Link (NestJS, Next.js, WebSockets, LevelDB) [Decentralized Chain Link Explorer](#) || [peer-to-peer](#)

- Contributed to a group project simulating a Layer 1 blockchain network. Developed the Proof-of-Stake consensus algorithm, implemented the Merkle Tree structure, and built the complete Next.js frontend (DCLScan Explorer) for real-time blockchain visualization.

TECHNICAL SKILLS

Language: TypeScript, JavaScript, C#, C++, Java, Python, SQL, PHP, LINQ

Tech: Next.js, NestJS, Postgres, Solana, Tailwind, MongoDB, Git, Swagger, Postman, MySQL, MSSQL, Expressjs, TypeORM, Prisma, Bootstrap

ACHIEVEMENTS

AIUB CS FEST 2024

First Prize Winner in App Showcasing Segment

- Built a Layer 1 blockchain with NestJS, WebSocket, LevelDB for decentralized network simulation.
- Developed DCLScan Explorer using Next.js, TailwindCSS for real-time blockchain monitoring.

Jarvis 4.0 Intra ACC Carnival (2023)

Runner-up in Idea Prototyping & App Showcasing (Senior Category)

- Developed an innovative AR-based application concept that uses a device camera to allow users to virtually try on clothes, enhancing the shopping experience. The app also improves marketing engagement, addresses size-related concerns, and enables direct ordering.

CERTIFICATIONS & TRAINING

IT Essentials: PC Hardware & Software from CISCO Networking Academy.

REFERENCES

MD. AL-AMIN

(ASSISTANT PROFESSOR Dept. of CS, AIUB & CEO, Deepchain Labs)

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