

# RIANUL AMIN RIAN

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## WORK EXPERIENCE

### DEEPCHAIN LABS

Oct 2024 – Mar 2025

Software Engineer Trainee

- Developed full-stack features for Kazentic, a multi-tenant SaaS platform designed as a full-fledged remote office suite that integrates critical organizational functionalities, from project and task management to CRM, billing, and analytics.
- Led backend development for Notes and Forms modules, contributed to HRMS backend, and played a key role in frontend development and integration for dashboards, settings, HRMS, CRMS, email and 10+ crucial modules.

### SOFTWARE DEVELOPMENT DEPARTMENT, AIUB

Apr 2024 – Oct 2024

Student Assistant / Developer

- Developed a Recruitment Management System using .NET Core, AngularJS and MSSQL to streamline job hiring processes
- Prepared and managed documents to determine classroom allocations for all departments.

## UNIVERSITY PROJECTS

### DECENTRALIZED CHAIN LINK (NestJS, NextJS, WebSockets, LevelDB)

GitHub: [decentralized-chain-link-backend](#) | [decentralized-chain-link-explorer](#) | [decentralized-chain-link](#)

- A Layer 1 blockchain network simulation with features such as transaction initiation, transaction validation, transaction propagation, block generation, block propagation, hashing using SHA-256 and more
- Also developed an explorer for the blockchain to monitor network activities in real-time and view detailed information on specific accounts, blocks, and transactions

### ETHPOLL (Solidity, NextJS, Hardhat, Web3)

GitHub: [eth-poll-frontend](#) | [eth-poll-contracts](#) | Contract Activities: [sepolia.etherscan.io/address/0xF90dF81...](https://sepolia.etherscan.io/address/0xF90dF81...)

- Developed a decentralized voting dApp on Ethereum that allows users to create and participate in polls with results stored on-chain for transparency.

## ACHIEVEMENTS

### AIUB CS FEST 2024

2024

First Prize Winner in App Showcasing Segment

- Developed a Layer 1 blockchain from scratch using NestJS, WebSockets and LevelDB to simulate a decentralized blockchain network as part of a four-person team.
- Developed an Explorer using NextJS and TailwindCSS to monitor the blockchain activities in real-time

## EDUCATION

### AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH

Kuril, Dhaka

Bachelor of Science in Computer Science and Engineering (CSE)

Expected April 2025

Major in Software Engineering; Minors in Information Systems

Cumulative GPA: 3.85/4.0; Recipient of the Dean's Award

Relevant Coursework: Advanced Programming with .NET (.NET Framework, MSSQL), Advanced Web Technologies (NestJS, NextJS, Postgres, TypeORM), Software Engineering (SDLC)

## ADDITIONAL

**Languages:** TypeScript, JavaScript, SQL, PHP, Solidity, C#, C++, Java, Python

**Tech:** NextJS, NestJS, .NET, AngularJS, TailwindCSS, TypeORM, Entity Framework, Postgres, MongoDB, Swagger, Git

**Certifications & Training :** IT Essentials: PC Hardware and Software from Cisco Networking Academy

## REFERENCES

**MD. AL-AMIN (Asst. Professor, AIUB | CEO, Deepchain Labs)**

Contact: [alamin@aiub.edu](mailto:alamin@aiub.edu)

**TAZRIF RAIM (Software Engineer L1, Sazim)**

Contact: [tazrif.raim@sazim.io](mailto:tazrif.raim@sazim.io)