

| Basic Information 基本情報

Name	Toufiqur Rahman
Birth date	December 1 st , 1995
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Portfolio link	<ul style="list-style-type: none"> LeetCode GitHub Portfolio LinkedIn



| Academic Background 學歷

Degree	BSc. in Computer Science and Engineering (CSE)		
University Name	Ahsanullah University of Science and Technology		
Duration	2014/11 – 2021/1 (6 years)	CGPA	2.272 / 4.00
Passing Date	2021/01/07		

| Professional Working Experience 職歷

Company Name	Incepta Solutions
Job Title	Software Developer
Job Responsibilities	<p>Backend Development: Developed and maintained Backend infrastructure of Client project to integrate Moodle (LMS) with our Webapp. Implemented scalable RESTful APIs for Communication between the Webapp and backend services.</p> <p>Cloud Development: Deployed a Moodle (LMS) instance from local to AWS Lightsail.</p> <p>Automation Tools: Developed resilient software bots for robotic process automation using Automation Anywhere.</p>
Technology / Language Used	TypeScript, Node.js, Express.js, AWS, Automation Anywhere
Duration	2024/02 – 2024/5 (4 months)

Company Name	Softic AI
Job Title	Software Developer
Job Responsibilities	<p>Backend Development: Bridged the gap between business and engineering by collaborating with team members and stakeholders to translate complex business logic into well-defined API endpoints.</p> <p>System Design: Co-designed a scalable and maintainable system architecture, incorporating both database and microservice structures to ensure high performance and efficient resource utilization.</p>
Technology / Language Used	TypeScript, Node.js, NestJS, Express-GraphQL, Prisma, PostgreSQL
Duration	2023/02 – 2023/10 (9 months)

Company Name	M360 ICT
Job Title	Junior Software Developer
Job Responsibilities	<p>Backend Development: Designed REST APIs for backend services and designing business schema for modeling data flow.</p> <p>Frontend Development: Contributed into the React web app in state management part with the redux toolkit in complex front-end application.</p>
Technology / Language Used	TypeScript, Node.js, Express.js, React.js, Knex.js, MySQL, Redux Toolkit
Duration	2021/05 – 2023/01 (1 year 9 months)

| Technical Skills 技術スキル

S = Team Lead or Managerial Level experience, A = Professional project Experience, B=Highly confident skill, C = Personal / Academic Project Experience, D = Theoretical Knowledge

Programming Language	Skill Level	Web	Skill Level	Database	Skill Level	Others	Skill Level
TypeScript	A	Node.js, Express.js	A	MySQL	A	Git, Github Actions	A
C++	B	RESTful APIs	B	PostgreSQL	A	Unix, Docker	A
Go	C	GraphQL	B	MongoDB	C	Redis, Socket.io	A
Java	C	React.js, Redux Toolkit	B	Prisma, Mongoose	C	RabbitMQ	B
Python	C	HTML, CSS	C	Firebase	D	AWS (EC2, S3)	B

| Professional Project Experience 仕事としての経験

Durati on	Project Details	Technology Used	Your Role
2024.02 – 2024.05 (4 months)	Project Title: Incepta Moodle LMS Project Overview: Web application for TVO to manage Moodle courses. <ul style="list-style-type: none"> Integrating with TVO's S3 storage for automatic course uploads and lesson updates via Moodle APIs. The app supports multi-tenant configurations, allowing connection to multiple Moodle platforms for various clients. Project Link: TVOMoodleLMS Total Number of Members: 6	Programming Language: TypeScript Backend: Node.js, Express.js, PHP Database: MySQL Cloud: AWS (Lightsail, S3)	Your Role: Backend developer Name of Part: Connected the Moodle LMS plugin with our Node.js backend server and crafted endpoints to consume delta API provided by the client. Created resilient software bots according to client requirements.
2023.02 – 2023.10 (9 months)	Project Title: Bitdeposit Project Overview: Web and mobile application for money exchange and gaming platform. <ul style="list-style-type: none"> Multi-tier user structure with roles like Affiliate, Sub-Affiliate, Agent etc. Users can deposit, withdraw and transfer money from their wallets. Project Link: BitDepositBD Total Number of Members: 12	Programming Language: TypeScript Backend: Nest.js, GraphQL Database: PostgreSQL, Prisma	Your Role: Backend developer Name of Part: Contributed to refactoring of existing GraphQL server in modules including in-app notifications using subscriptions , file uploads , tariff distribution among business users.
2021.05 – 2023.01 (1 year 9 months)	Project Title: M360 Trabill Project Overview: Multi-tenant SaaS Application for back-office management. <ul style="list-style-type: none"> Record and manage sales, client records, and various operational tasks. Key modules include Clients, Vendors, Accounts, Invoices, Tour Packages, Refunds, Payroll, Agents, Quotations, and Reports Project Link: Trabill Total Number of Members: 8	Programming Language: TypeScript Backend: Express.js Frontend: React.js, Redux toolkit Database: MySQL	Your Role: Full stack Developer Name of Part: Implement business logic across 11+ backend modules , Authentication and Authorization, Role-Based Access Control, and functionalities related to Accounts, Invoices, Refunds. Implementing app-wide state-management with Redux toolkit in some modules.

| Academic or Personal Project Experience 学習のための経験

Duration	Project Details	Technology Used	Your Role
2024.07 – Ongoing	<p>Project Title: Learning Management system for BJED</p> <p>Project Overview: The LMS offers a suite of features designed to streamline course creation, content delivery, assessment, and data analysis.</p> <p>Key features –</p> <ul style="list-style-type: none"> • User Management with roles • Course and content Management • Data-Driven Insights <p>Total Number of Members: 7</p>	<p>Backend: Node.js, Express.js</p> <p>Frontend: React, Material UI, Redux</p> <p>Database: MongoDB</p> <p>Others: Docker, Redis</p>	<p>Your Role: Team Leader</p> <p>Name of Part: Building the structure of the system, specifically the backend part with industry standard best practices. Developed User module, Authentication and Role based Authorization with Access Token and Refresh Token, Implemented bulk user registration with message broker. This project is ongoing.</p>
2020.02 – 2020.10	<p>Project Title: FarmDirect: A Farm-to-Consumer Marketplace App</p> <p>Project Overview: Eliminating intermediaries, facilitate direct sales among farmers and consumers.</p> <ul style="list-style-type: none"> • Direct Sales • Efficient Order Management • Enhanced Customer Engagement <p>Total Number of Members: 5</p>	<p>Mobile: Android Application</p> <p>Backend: Spring Boot</p>	<p>Your Role: Backend part</p> <p>Name of Part: Building REST API endpoints for different services like authentication, product, order, inventory etc.</p> <p>Contribution to some modules in Android application development to build the mobile app for this project.</p>
2019.04-2019.08	<p>Project Title: Project Management web app for Software Development.</p> <p>Project Overview: A web application designed to help software development teams assign, track, and manage tasks within projects.</p> <p>Key features of this project –</p> <ul style="list-style-type: none"> • Project creation and management. • Task creation with assignable members and due dates. • Ability to label tasks. <p>Total Number of Members: 3</p>	<p>Frontend: HTML, CSS, JavaScript</p> <p>Backend: PHP</p>	<p>Your Role: Frontend part</p> <p>Name of Part: I mostly contributed in the frontend part of the project designing different pages of the web application.</p> <p>Crafted web pages with HTML, CSS, with CSS framework like Bootstrap to build responsive web pages for the project.</p>

| Training 受講した研修

Training Title	Location	Institute	Duration
JavaScript Algorithms and Data Structures	Online	freeCodeCamp	2021.01 – 2021-05

| Language Skills 言語スキル

Language	Reading	Writing	Listening	Speaking
Bengali	Excellent	Excellent	Excellent	Excellent
English	Excellent	Excellent	Good	Good
Japanese	Basic	Basic	Basic	Basic

| Special Achievements 受賞歴など

Secured Second Runner-up position at the National Level Dutch Bangla Bank-Prothom Alo Math Olympiad (2010).

| Professional Interests 専門的な興味

- **Problem Solving:** As a software developer, I thrive on creating innovative software solutions that address real-world challenges and positively impacts users' lives.
- **Continuous Learning and Skill Development:** I am a dedicated learner who continuously seeks opportunities to expand my skillset. I am particularly interested in exploring emerging technologies within the software development domain.
- **Career Plan:** Actively developing comprehensive skills across the software development lifecycle, with a focus on scalable and maintainable system architecture, design, and implementation. Create a **YouTube channel** to share my tech journey, and hold tech podcasts with others in different topics.

| Hobbies & Interests 趣味・興味

- Learning Nihongo and Japanese culture.
- Listening to tech podcasts, reading tech blogs.
- Exploring new technologies in software development world.
- Mentoring others who want to be the part of the tech industry.
- Watching movies. Favorite genre: Thriller, Action, Drama.
- Watching Sports. Favorite sports: Football, Cricket, Table Tennis.
- Playing Sports (Football, Cricket, Table Tennis).