



Nahid Chowdhury
Software Architect

Contacts

Phone
+8801686087163

Email
nahid.chowdhury1995@gmail.com

Social

GitHub
<https://github.com/ovichowdhury>

LinkedIn
<https://bd.linkedin.com/in/nahid-chowdhury>

Skills

Node.js, Express.js, TypeORM

.NET, C#, EF, MVC, Web API

Python, Flask, ML, Ethereum

AWS, EC2, RDS, S3, Serverless

Postgres, Elasticsearch, Mongo

Next.js, React, Redux Toolkit

GitHub Actions, Azure DevOps

Docker, Docker Compose

Microservices, System Design

Summary

Seasoned software engineer with 6+ years of experience, Successfully driving the full development lifecycle of high-impact applications. Proven track record of delivering innovative solutions from scratch, including integrating blockchain and machine learning technologies to optimize functionality and user engagement. Highly motivated to stay ahead of the curve and thrive in challenging environments.

Experiences

Apr 2022 to Present (3 Y)	ERA InfoTech LTD. (CMMI Dev L3, ISO 9001 & 27001) Software Architect Responsibilities <ul style="list-style-type: none">Technical Lead – Node.js Team (6+ Members)Software Architectural Design of Microservice based FinTech Solutions Achievements <ul style="list-style-type: none">✓ Led development and implementation of Digital Customer Onboarding & eKYC solutions for major banks (City Bank PLC, United Commercial Bank PLC, Standard Bank PLC)✓ Led development of BioCore AFIS, optimizing face identification (Python, Elasticsearch) to process 1M images in 300ms✓ Integrated fingerprint devices (SecuGen, Abetree, Nitgen, Futronic, Miaxis) using .NET (In production Bank Asia PLC)✓ Developed .NET & JavaScript SDK for web application fingerprint device access (In production Bank Asia PLC)✓ Implemented SSO, OAuth 2.0, and OpenID Connect (integrated with Auth0 and Google OAuth)
Aug 2022 to Dec 2023 (1.5 Y)	Foxcatcher IT Solutions LTD. Contingent Technical Consultant (Part-Time) Responsibilities <ul style="list-style-type: none">Solution Architect – Fox Attend Biometric Attendance Solution Achievements <ul style="list-style-type: none">✓ SaaS Development: Designed and developed a cloud-based biometric attendance management system (SaaS) for US-based clients.
Jan 2022 to Apr 2022 (4 M)	Cefalo Bangladesh LTD. (ISO 9001 & 27001) Software Engineer II Responsibilities <ul style="list-style-type: none">Full Stack JavaScript Developer – Team House of Math Achievements <ul style="list-style-type: none">✓ NPM Package Development: Created a real-time form validation library for React using TypeScript, custom hooks, and Jest for House of Math, a Norwegian EdTech platform.
Aug 2018 to Dec 2021 (3.5 Y)	ERA InfoTech LTD. (CMMI Dev L3, ISO 9001 & 27001) Software Engineer I (from Intern) Responsibilities <ul style="list-style-type: none">Lead Backend Developer - ERA eKYC SolutionR&D Lead Blockchain and Distributed Ledger Technologies Achievements <ul style="list-style-type: none">✓ Web Development: Led the backend development of Digital Customer Onboarding & eKYC solution for Bank Asia PLC✓ ML Models: Developed a face liveness detection model with 81.06% accuracy using TensorFlow and a custom dataset for Bank Asia's Digital Banking App✓ Blockchain Development: Ethereum blockchain based MVP (Distributed KYC) development for Bank Asia PLC

Nahid Chowdhury

Software Architect

Address

35 No. Mubarak Shah Road,
Baburail, Narayangonj, Bangladesh

Personal Information

Father Name

Nurul Haq Chowdhury

Mother Name

Dina Chowdhury

Date of Birth

02 Jan 1996

Nationality

Bangladeshi

Marital Status

Married

Social Activities

Organization

Lions Club of Narayangonj Greater

Designation

Member

Duration

2011 - 2014

Languages

English, Bangla

Certifications

Cisco NDG Linux Essentials

Issuer: Linux Professional Institute

Cisco IT Essentials

Issuer: Cisco Networking Academy

Education

2014 - 2018

BSc in Computer Information Systems
American International University - Bangladesh (AIUB)
CGPA: 3.92 / 4

2011 - 2013

HSC in Science
Govt. Tolaram University College - Narayangonj
GPA: 5 / 5

Publications

Computer Vision and Smoke Sensor Based Fire Detection System

Conference: International Conference on Advances in Science, Engineering and Robotics Technology - May 1, 2019

Index: <https://ieeexplore.ieee.org/document/8934458>

Open Source Contributions

node-pdf-report

A Library for making Node.js based PDF reporting easy
URL: <https://www.npmjs.com/package/node-pdf-report>

realjoi

React hooks library for realtime form validation.
URL:<https://www.npmjs.com/package/@nahidchowdhury/realjoi>

keys-transform

A NPM package to recursively transform JavaScript object keys into different conventional cases
URL: <https://www.npmjs.com/package/keys-transform>

Honors & Awards

Finalist Bangladesh Blockchain Olympiad 2022

- Awarded in the peoples choice category for the HistoryNet project.

References

Name: S M Mahbubur Rahman

Designation: Co-Founder & CEO

Company: FoxCatcher ITS LTD.

Email: mahbub@foxcatcherits.com

Mobile: +8801711516677

Name: MD. Khairul Alam

Designation: Staff Software Engineer

Company: Vivasoft LTD.

Email: khairultaher@outlook.com

Mobile: +8801719314504

Declaration

I, the undersigned certify that to the best of my knowledge and belief, these data regarding described my qualification and experience are correct and that my willful misstatement described here in any lead to my disqualification or dismissal, if employed.



Nahid Chowdhury
Date: 15 Mar 2024