

NOBEL KHANDAKER

Ex-Microsoft | 10+ years of excellence in Fortune 500 company & top-tier startups

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📍 Dhaka, Bangladesh

KEY ACHIEVEMENTS

Blockchain, Web 3 and Metaverse projects

Led design and delivery of smart contracts, web 3 projects - staking, games, and dapps with 99.99% availability

Led billion-dollar infrastructure project at Microsoft

Led information protection project with remote teams with projected \$1B infrastructure cost savings in Office 365 Sharepoint datacenters

Highly performant scalable apps and services

Designed and implemented large-scale apps and services using event-driven and microservices architecture in AWS and Azure

Top International Awards

Top 20 emerging AI applications | AAAI, USA
Othmer fellowship | University of Nebraska Lincoln, USA

EXPERIENCE

05/2022 - Ongoing

Dhaka, Bangladesh

CTO

LiquidX Group

High-potential NFT projects, web3 technologies, and gaming

- Led the delivery of smart contracts ERC 721 ERC 1155 and dapps on Ethereum and L2 networks
- Led the development of Web 3 projects - Anime Metaverse and Pixelmon
- Led the design of scalable Web 2 platform for future expansion of Web 3 projects and games
- Led engineering team recruitment - blockchain, feature, and DevOps teams

10/2021 - 05/2022

Dhaka, Bangladesh

VP Of Engineering

Omnilytics

Global leader in analytics solutions

- Delivered the engineering vision - significantly improved design, delivery, and efficiency
- Achieved 30% savings of AWS cloud infrastructure cost - infrastructure optimization
- Achieved cost savings and improved service availability of data mining process through serverless migration

09/2020 - 10/2021

Dhaka, Bangladesh

Senior Vice President of Technology

Shohoz

- Led product and development teams to deliver highly performant, scalable apps, and services
 - recommendation as a service, identity management service, learning app, and fintech app
 - increased customer acquisition and retention through new apps and services
- Led DataOps, design and implementation of ELT pipeline, data lake, data warehouse, and biz analytics
 - seamless data aggregation, reporting, and strategic decision support for stakeholders
- Led engineering recruitment - built efficient team (architects, developers, data scientists, and QA)

09/2019 - 09/2020

Dhaka, Bangladesh

Vice President of Technology

Shohoz

- Led architects, dev and QA teams (70+ engineers) to develop contact-tracing app and reporting services for Govt. of Bangladesh.
 - reduced infection spread for smartphone users
- Led the cloud infrastructure lift and shift project (between AWS and Azure)
 - over \$100K cloud infrastructure cost savings per year
- Led the refactor and rewrite of core platform services (geolocation, notification, review/rating, profile)
 - achieved 99.99% availability and significantly reduced service outages
- Led ride-sharing, food delivery, payment gateway, super app, truck app, platform, infrastructure teams
 - 99.99% SLA, new feature development, QoS, and incident response

08/2018 - 09/2019

Redmond, WA, USA

Senior Software Engineer (Lead)

Microsoft

- Led remote engineering teams - re-architecture data loss prevention service in Office 365 ecosystem
 - projected \$1B infrastructure cost savings achieved in Sharepoint datacenters over 5 years
 - 10x improvement in latency and accuracy in detecting sensitive content in 200M users documents

EXPERIENCE

08/2013 - 08/2018

Redmond, WA, USA

Software Development Engineer II

Microsoft

- Full-stack development of mobile device management portal for Office 356
 - 35M new customers acquired
- Develop localized content dictionaries
 - enabled customized sensitive content search for 1M+ Office 365 users

06/2011 - 08/2013

Redmond, WA, USA

Software Development Engineer in Test

Microsoft

- Full-stack development of Big data collection and analysis pipeline for Microsoft Exchange users
 - strategic decision support with reports and dashboards that capture 200M+ users interactions

08/2005 - 05/2011

Lincoln, NE, USA

Graduate Research Assistant

University of Nebraska-Lincoln, USA

- Pioneered AI-enabled algorithm for human team formation and its implementation in online collaborative environments - university classrooms
- Won Top 20 Emerging AI application award in top-tier AAAI conference

08/2004 - 08/2005

Lincoln, NE, USA

Application Developer

University of Nebraska-Lincoln

- Designed and developed secure online survey site and dashboards to monitor student, educator performances in the State of Nebraska, USA

EDUCATION

08/2005 - 04/2011

Ph.D. Computer Science

University of Nebraska - Lincoln, USA

08/2003 - 08/2005

M.S. Computer Science

University of Nebraska - Lincoln, USA

GPA 3.75 / 4

06/1995 - 06/2000

B.Sc. Physics

University of Dhaka

KEY PUBLICATIONS

A Wiki with multiagent tracking, modeling, and coalition formation

Innovative Applications of Artificial Intelligence Conference (IAAI)

Soh, L.-K., Khandaker, N., Jiang, H.

📅 05/2010

Lessons Learned from Deploying I-MINDS and ClassroomWiki Collaborative Learning and Writing Applications

IEEE Transactions on Systems, Man, and Cybernetics-C

Khandaker, N. & Soh, L.-K.

📅 08/2010

A Simulation Tool for Computer-Supported Collaborative Learning

IEEE Transactions on Systems, Man, and Cybernetics-C

Khandaker, N. & Soh, L.-K.

📅 08/2010