NOBEL KHANDAKER

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

📞 +88-013-1372-6661   @ nobel@outlook.com   📍 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
Blockchain, NFT collections, web3 technologies, and gaming
- Collaborated with the architects to design highly available asynchronous service-based architecture
- Optimized the SDLC improved software delivery velocity by 30% achieved 99.9% service availability
- Led the delivery of top-ranked Web 3 projects and NFT collections - Anime Metaverse and Pixelmon
- Led the design of a poly cloud infrastructure to ensure high availability (99.9%) with optimized cost
- Led the hiring and budget planning for engineering org according to the product strategy and vision

10/2021 - 05/2022
Dhaka, Bangladesh

VP Of Engineering
Omnilytics
Global leader in retail analytics
- Delivered the engineering vision - significantly improved design, delivery, and efficiency
- Achieved 30% savings of AWS cloud infrastructure cost - infrastructure optimization
- Achieved 99.9% availability of ML services and pipelines (web scraping, and ELT) with a serverless architecture

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
Leading startup in Bangladesh for ticketing, food delivery, and ridesharing
- Led architects, dev and QA teams (70+ engineers) to develop contact-tracing health app, analytics and reporting services for Govt. of Bangladesh.
  - used for country-wide tracking and mitigation of of the spread of Covid infection
- 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 365
  - 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