

Sayed Hossain Khan

Middleware Architecture Professional

41/4 Chand Housing, Road no - 01 – Mohammadpur, Dhaka - 1207

☎ +880 1684714853 ☎ +880 1521434328

✉ sayedhossainkhan36@gmail.com

🌐 sayed-hossain-khan-236906162 📺 SHKShuvo 📺 sayedkhan2

PROFESSIONAL SUMMARY

Results-driven **Software Engineer & API Middleware Specialist** with hands-on experience in **core banking systems, microservices architecture, and enterprise integration**. Currently working at **City Bank PLC**, contributing to mission-critical digital banking initiatives including **Citytouch (K2), City Optima, AMEX Tap & Pay, Digital Corner, and Enterprise Middleware Services**. Strong background in **Spring Boot, ESB, REST APIs, Oracle, and Finacle/Ababil ecosystems**, with proven ability to deliver scalable, secure, and high-performance banking solutions.

EXPERIENCE

Organization: [City Bank PLC](#).

[July, 2024 - Present]

Position: Officer (API Middleware | Microservices | Core Banking)

Stack: [Spring Boot, React, Python, ESB]

Organization: [ERA Infotech Ltd.](#)

[Oct, 2021 - June, 2024]

Position: Associate Software Engineer (Core Banking | Islamic Banking | AML | Utility | Trade Finance)

Stack: [Angular, Spring Boot, Oracle Apex (SQL & PL/SQL), Forms]

Organization: [Matrix Business Development Ltd.](#)

[Sep, 2019 - June, 2021]

Position: Junior IT Officer and Content Developer
(Pathmark and Matrix Joint Venture)

Stack: [PHP, Javascript, Wordpress]

PROJECT(S)

City Bank PLC:

City Optima [LWF & AWF]	City Touch Revamp	Google Pay (AMEX)	EDEAL
Customer Segmentation & Analysis	LOS	Great Wall	Digital Onboarding

ERA Infotech:

Core Banking System [Spring Boot and Angular]	Pay-order and Salary Management	AML (Anti Money Laundering) Application	Tax Return Management
Utility Bill Collection System	Trade Finance	User Management System	

Matrix Business Development:

Matrx Bazar [E-Commerce Platform]	Professional Website	Email-Automation	
-----------------------------------	----------------------	------------------	--

SKILLS OR KNOWLEDGES

Programming Knowledge

- » **Programming Languages:** Java, Python, Javascript, R, C++, C#, SAS, Matlab, PHP
- » **Programming Frameworks:** Spring Boot, Angular, React, Django, ASP.Net, Bootstrap, Node.js, Laravel
- » **Database:** Oracle, MySQL, PostgreSQL, Firebase, MongoDB

Technical Skills

- » **Operating Systems:** Linux & Windows
- » **Version Control:** Github and Git
- » **Other:** Docker, Power BI, LATEX, Microsoft Office, Jasper Studio, CCNA, Adobe (Photoshop, After Effects, Premier Pro), SPSS, Tableau, Kobo Toolbox

EDUCATION

- Masters Degree in Applied Statistics and Data Science** [December, 2023]
Jahangirnagar University
CGPA: 3.75
- Undergraduate Degree in Computer Science and Engineering** [July, 2019]
Ahsanullah University of Science and Technology
CGPA: 3.353/4.00

LANGUAGES

- BANGLA:** Mother Tongue
ENGLISH: Fluent [IELTS Score – 6.5 [Year - 2020]]
JAPANESE, GERMANY: Basic

PUBLICATION

- "Cartoon-to-real: An Approach to Translate Cartoon to Realistic Images using GAN"** [Dec, 2018]
(Sultan K. M. A., Rupty L. K., Pranto N. I., Shuvo S. K. & Jubair M. I.)
Accepted for poster, International Conference on Innovation in Engineering and Technology (ICIET), Dhaka [arxiv.org/abs/1811.11796]
- Transforming cartoon images to real-world images using Generative Adversarial Networks (GANs).
 - The project got accepted (as a poster) in ICIET '18 Conference.
 - The project secured the 1st runner-up position in MindSparks '19

ONLINE CERTIFICATIONS

- Java Certification Course** - by Simplilearn [Mar, 2021]
Financial Management Essentials - by NonprofitReady [May, 2021]
AML, KYC and Compliance – by Udemy [May, 2022]
Data Science with Python - Simplilearn

[Certificate Link](#)

SERVICES AND REAL LIFE ACTIVITIES

- » Mindsparks Poster Presentation - 2019
- » ICIET Conference for Poster Presentation
- » Idea Contest: BUET CSE Fest 2019
- » Intra University Programming Contests
- » TensorFlow Machine Learning DEV Summit 2017
- » Participated on Social Service for poor children of Bangladesh

INTERESTS AREA

- » Cyber Security and DevOps
- » AI and Machine Learning
- » Website Application and Mobile Apps Development
- » IoT and Tech Gadgets
- » 3D Modeling and Architecture

REFERENCES

- **Md. Rashedul Hasan**
Unit Head, Middleware Architecture
City Bank PLC
Mobile: +8801797321105
r.hasan@citybankplc.com
- **Md. Kamrul Hasan**
Unit Head, Integration and Development
City Bank PLC
Mobile: +8801717135565
kamrulhasan@citybankplc.com