



ASHRAF HOSSAIN KHAN

SOFTWARE ENGINEER

PROFILE

I have over 8 years of experience in the IT industry, specializing in software development, project leadership, and data-driven solutions. Strong foundation in Computer Science and Data Science, with a proven track record in high-demand 24/7 environments across fintech, telecom, logistics, and enterprise systems. Skilled in full SDLC, cross-functional team collaboration, and effective technical communication. Skilled at solving complex challenges under pressure and building secure, scalable applications. Passionate about AI, machine learning, and cloud-native technologies. Committed to delivering impactful solutions that enhance business performance and customer satisfaction.

I currently hold a Continuous A Residence Permit in Finland with full work rights.

WORK EXPERIENCE

Eastern Bank PLC.

[06/2024 – 11/2024]

Principal Officer - ICT Division

- Deployed high-volume bill payment system processing 5M+ monthly transactions and managed 20K+ organizations e-payment integrations nationwide.
- Optimized MySQL/Oracle with indexing & partitioning for 3× query speed.
- ELK stack for real-time monitoring, reducing issue resolution time by 70%.
- Kafka and RabbitMQ for scalable, real-time event-driven processing.
- RESTful APIs for financial services using PHP, Python, and Java.
- Delivered full-cycle projects using Agile and Kanban methodologies.

SSL Wireless

[03/2023 – 06/2024]

Senior Software Specialist (Associate Manager)

- Delivered ERP & RPA to 3 garment firms for process automation.
- Led VAS for 5 telecoms & 50+ banks via SMS, Top-up, IVR, Voice SMS.
- Payment systems for 90+ FIs via SSLCommerz (95% of Bangladesh's e-commerce).
- Managed digital marketing for 2,100+ businesses, boosting top-ups.
- Designed multichannel campaigns for SMEs & corporates.
- Collaborated cross-functionally for system design & integration.

SSL Wireless

[10/2020 – 02/2023]

Software Specialist

- Deployed HRIS chatbot via Dialogflow & GCP, automating 60% of HR queries.
- Multi-operator mobile recharge (easy.com.bd) with payment gateway.
- Implemented SMS & IVR services for automated customer engagement.

SSL Wireless

[12/2017 – 09/2020]

Software Associate

- Developed 50+ WAP sites and Revenue report panels.
- Delivered 10+ scalable solutions in collaboration with dev/test teams, improving performance by up to 40% and reducing delivery time by 30%.
- Refined legacy code to fix bugs and improve performance.

Xorgeek

[09/2017 – 11/2017]

Jr. Software Engineer

- Collaborated with the Japanese team on 10+ responsive, high-UX web projects.
- Conducted testing and review of website design for responsiveness, clarity and effectiveness.

CONTACT

☎ +358413641031

✉ engr.ashrafkhan01@gmail.com

📍 Vaskivuorentie 22, A 11, 01600, Vantaa, Finland

🌐 [LinkedIn](#)

🌐 [Website](#)

EDUCATION

2024 - 2025

Metropolia University of Applied Sciences

- M.Sc. in Information Technology, Networking Services

2020 - 2021

Jahangirnagar University

- M.Sc. in Applied Statistics And Data Science

2013 - 2016

Daffodil International University

- B.Sc. in Computer Science And Engineering

SKILLS

Programming Languages :

PHP, Python, JavaScript

Databases :

MySQL, MongoDB, Redis, Elasticsearch

Cloud, Server & DevOps :

Linux, AWS (S3, EC2, Serverless), Azure, GCP, Git, Jira, Docker, CI/CD Pipeline, Clustering, Apache Kafka

Software Architecture & Security :

Microservices, SaaS, GraphQL, REST API, JSON, API Gateway, API Key

Other Tools & Technologies :

Scrum, Agile, TDD, Postman, Swagger

LANGUAGES

- English (Intermediate)
- Finnish (Basics)
- Bengali (Native)