

# MD. SHAHARIAR HOSSEN

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## OBJECTIVE

Full Stack Engineer with expertise in Spring Boot, Node.js, React.js, and event-driven microservices. Experienced in designing and developing scalable, cloud-native solutions on AWS, Azure, and GCP. Skilled in TDD, clean code architecture, CI/CD automation, and contributing to key technical decisions.

## SKILLS

**Languages** Java, Scala, JavaScript, Python, C++, C

**Frameworks & Libraries** Spring Boot, Micronaut, NodeJS, NestJS, ReactJS, Angular, GraphQL

**Architecture & Patterns** Microservices, Event-driven, Serverless, DDD, Clean Code, Design Patterns, SOLID, DRY, KISS

**Cloud & DevOps** AWS, Azure, GCP, Docker, Kubernetes, Helm, Jenkins, Kafka, Terraform

**Databases & Caching** MySQL, PostgreSQL, MongoDB, Firestore, BigQuery, Redis

**Testing & QA** JUnit, Mockito, Spock, PowerMock, Jest, Puppeteer, Jasmine, Karma, Gatling

**Methodologies** Agile, IAAC, TDD

**Languages** English (Fluent) — IELTS Band 7

Jan 2023

## EXPERIENCES

**CEFALO AS**

May 2023 - Present

**Senior Software Engineer — Full Stack, DevOps**

**NTB AS (Client) — Norway**

Jan 2024 - Present

- Developed NTB's Image Portal and Billing System (Spring Boot, Stripes, JSP, React.js).
- Requirement analysis, design, and collaboration with international teams.
- Implemented CI/CD pipelines on AWS.
- **Achievement:** Optimized search with AWS OpenSearch, reducing query time 3x.

**Visena AS (Client) — Norway**

May 2023 - Dec 2024

- Full Stack Developer for Core System, Document Signing, and AML solutions (Scala, Lift, Spring Boot, PostgreSQL).
- Database design with normalization, indexing, and query optimization.
- **Achievement:** Developed AML system from scratch ensuring compliance and data integrity.

**BJIT INC. — RAKUTEN INC. — JAPAN**

Mar 2022 - Apr 2023

**Senior Software Engineer — Backend, DevOps**

- Migrated Rakuten Beauty (E-commerce) from PHP to Java; backend and DevOps in private cloud.
- Built event-driven microservices using Kubernetes, Helm, Redis, GraphQL, Elasticsearch, Logstash, Kibana, Grafana.
- Mentored 2 junior engineers; applied TDD, clean coding, and load testing.
- **Achievement:** Optimized APIs 3x; implemented GraphQL aggregation services for mobile apps.

**UDPLATFORMS INC. — USA**

Apr 2021 - Feb 2022

**Software Engineer — Full Stack, DevOps**

- Built low-code/no-code platform with event-driven microservices (Micronaut, Flask, NodeJS, Flutter, GCP, AI/ML).
- Practiced DDD, TDD (90%+ coverage), clean code, SOLID, DRY, KISS.
- **Achievement:** Developed reusable CRUD library for Micronaut services, now used across all Java services.

**DATAISOFT SYSTEMS BANGLADESH LTD. — BANGLADESH**

Oct 2019 - Mar 2021

**Software Developer — Full Stack, DevOps**

- Key contributor in BKASH AML360 and BKASHSIS with microservices (Spring Boot, Angular, MySQL, MongoDB).
- End-to-end SDLC: requirements, design, backend, database modeling, deployment.
- Implemented caching with Redis, JWT authentication, and TDD.
- **Achievement:** Awarded Best Employee (200% KPI); optimized high-volume transaction processing.

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**PROJECTS**

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- **NTB Image Portal — NTB AS, Norway:** Video/Image Management SAAS with microservices. **Tech:** Java 8, Spring Boot, Stripes, JSP, React.js, AWS, Terraform.
- **Visena — Visena AS, Norway:** Office Management SAAS for lawyers/accountants. **Tech:** Scala 2, Lift, Spring Boot, PostgreSQL, CI/CD, Private Cloud.
- **Rakuten Beauty — Rakuten INC, Japan:** E-commerce with event-driven microservices. **Tech:** Spring Boot, Docker, Kubernetes, Redis, GraphQL, Elasticsearch, Logstash, Kibana, Grafana, Gatling.
- **Rakizo Cloud App — UDPlatforms Inc, USA:** Low-code/no-code platform with DDD and event-driven microservices. **Tech:** Micronaut, Flask, NodeJS, Flutter, GCP, AI/ML.
- **BKASH AML360 — DataSoft, Bangladesh:** Anti-money laundering system handling millions of transactions. **Tech:** Spring Boot, Angular 8, MySQL, Microservices, Redis.
- **BKASHSIS — DataSoft, Bangladesh:** Malicious user screening engine processing 40–45M daily records. **Tech:** Spring Boot, Angular 8, MongoDB, Redis, Microservices.

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**EDUCATION**

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<b>JAHANGIRNAGAR UNIVERSITY</b>	<i>M.Sc. Mathematics — CGPA: 3.57</i>	Jan 2016 - Jan 2017
<b>JAHANGIRNAGAR UNIVERSITY</b>	<i>B.Sc. Mathematics — CGPA: 3.28</i>	Jan 2012 - Jan 2016

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**CERTIFICATIONS**

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<b>OWASP Top 10:2021 in Java Learning Path</b>	SecurFlag, March 2025
<b>Oracle Certified Professional, Java SE 8 Programmer II</b>	Oracle, Jan 2021
<b>Oracle Certified Associate, Java SE 8 Programmer II</b>	Oracle, Dec 2020
<b>Microsoft Azure Administrator</b>	ICT Division, Nov 2021
<b>Machine Learning</b>	IIT(DU), Dec 2023 [500 hr]
<b>Data Science Modeling, Integration &amp; Processing</b>	Nov 2020 [320 hr]
<b>Enterprise Systems Analysis &amp; Design with J2EE</b>	Oct 2019 [1000 hr]
<b>Android Application Development</b>	Oct 2019 [1000 hr]