

# SHEIKH BIN ENAM

## Senior Java Full Stack Software Engineer

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### PROFESSIONAL PROFILE

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Experienced Senior Java Full Stack Software Engineer with a strong focus on backend architecture and development. I have demonstrated leadership skills, fostered innovation, and successfully delivered scalable, fault-tolerant, complex applications using Java and associated technologies. I am highly regarded for my understanding of software architecture and my commitment to staying up to date with the latest technologies.

### WORK EXPERIENCE

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Jan 2024 - Present

#### Senior Software Developer

##### Visma Amplio Ltd. (Helsinki, Finland)

Project: Fikuro ERP

Description: Fikuro ERP serves SMEs in Finland, it allows users to record production, do warehouse transactions, create sales offers, sales orders and purchase orders, send invoices to various FMS systems and keep track of the stock.

Tools and platform: Spring Boot (Java 21), Angular, Typescript, MariaDB, RabbitMQ, Amazon ECS, Docker, Github Actions, SonarQube

Responsibilities:

- Leading a team of six people
- Focusing on feature planning, design and architecture
- Focusing on backend development
- REST APIs and feature development
- Writing unit tests and integration tests
- Practicing Scrum within the team
- Responsible for creating event based solution for recording production using RabbitMQ
- Fixing Sonarqube issues for the backend
- Guiding junior developers within the team
- Take part in release activities time to time
- Time to time upgrading 3rd party libraries being used in the backend
- Work on the UI when needed
- Using tools like Jira, Confluence, Slack and Google Meet

Oct 2021 - Nov 2023

#### Senior Full Stack Software Engineer

##### Nokia Solutions and Networks Ltd. (Espoo, Finland)

Project: Nokia Orchestration OrderHub (Business Application)

Description: OrderHub is used to create different types of orders, managing and monitoring orders and it is also used for managing manual tasks.

Tools and platform: Spring Boot (Java 17), React, TypeScript, MongoDB, Docker, Kubernetes, Jenkins, SonarQube

Responsibilities:

- Focusing mainly on backend development
- REST APIs and feature development
- Writing unit tests and integration tests
- Practicing SAFe within team
- Responsible for migrating Java 11 to Java 17
- Responsible for migrating Spring Boot 2 to Spring Boot 3
- Acting as the lead product security expert
- Generating Anchor, Trivy, VAMS for detecting vulnerabilities and fixing them
- Fixing Sonarqube issues for the backend

Aug 2020 - Sep 2021

- Guiding junior developers within the team
- Take part in release activities time to time
- Time to time upgrading 3rd party libraries being used in the backend
- Work on the UI when needed
- Using tools like Jira, Confluence, and Microsoft Teams

#### **Full Stack Software Developer**

##### **Tecnotree Corporation (Tampere, Finland)**

Project: Tecnotree Digital Resource Manager Bulk Processor

Description: Bulk processor is used for processing the creation, deletion, updation and bundling of digital resources (SIM, MSISDN, IP etc) in bulk and keep track of these generated resources (success, failures, reason of failure etc). On successful creation the bulk processor sends Kafka events, which other systems can listen to and perform actions based on it.

Tools and platform: Express, MongoDB, Apache Kafka, Docker, Protobuf, grpc, Jenkins, SonarQube

Responsibilities:

- Focusing mainly on backend development
- Single-handedly worked on the the backend of the project from designing the architecture to coding, testing and deployment
- REST APIs and feature development
- Writing unit tests and integration tests
- Practicing Scrum within the team
- Responsible for TM Forum Open API certification for the product APIs
- Fixing Sonarqube issues for the backend
- Take part in release activities time to time
- Time to time upgrading 3rd party libraries being used in the backend
- Work on the UI when needed
- Using tools like Jira, Confluence, and Microsoft Teams

May 2019 - Feb 2020

#### **Software Developer Trainee and Thesis Worker**

##### **Cloubi Ltd. [Part of Otava Publishing Company] (Tampere, Finland)**

Project: Cloubi Data Analytics Project

Description: It was developed for Cloubi and is used for generating the new data analytics report for the teachers to view the overall performance of the students.

Tools and platform: Spring Boot (Java 8), Apache Kafka, MongoDB, Docker

Responsibilities:

- Single-handedly worked on the backend of the project as a proof of concept for my Master's Thesis
- Thesis title: Optimizing the Efficiency of the Data Analytics Framework Using Microservice Architecture
- REST APIs and feature development
- Writing unit tests and integration tests
- Practicing Scrum within the team
- Fixing Sonarqube issues
- Using tools like Jira, Confluence, Slack, and Google Meet

Aug 2017 - Jul 2018

#### **Software Quality Assurance Engineer**

##### **Loence Solution (Dhaka, Bangladesh)**

Project: Loence ERP

Description: Manual software testing and had the opportunity to write automated tests of their main product which was an ERP system

Tools and platform: Selenium, Java

Responsibilities:

- Write automated test cases for the frontend using Selenium
- Perform manual testing of the features
- Practicing Scrum within the team
- Using tools like Trello, Slack, and Google Meet

Jan 2016 - Jun 2016

#### Intern

##### Research and Development Team, Technology Division

##### bKash Ltd. (Dhaka, Bangladesh)

Project: bKash Phonebook Directory

Description: It was developed for managing the contact details of bKash employees and was internally used by bKash Ltd.

Platform and tools: Java EE, Oracle

Responsibilities:

- Single-handedly worked on the backend of the project from designing the architecture to coding and testing
- REST APIs and feature development
- Writing unit tests and integration tests
- Fixing Sonarqube issues
- Using tools like Jira, Confluence, Slack, and Google Meet

## TECHNICAL SKILLS

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- Programming Language: Java, JS, Python, Go, C, C++, C#, PHP, R
- DevOps: Docker, Kubernetes, Gitlab-CI, Jenkins, Github Actions, Rancher, SonarQube
- Version Control: Git, SVN
- Web Development: React, Angular, Express, NodeJS, Spring Boot, ASP.Net, Django, HTML, CSS, TS, Bootstrap, jQuery
- Database: Oracle, MySQL, PostgreSQL, Microsoft SQL, MariaDB, MongoDB
- Message Queuing Service: Apache Kafka, RabbitMQ
- Development Tools: IntelliJ IDEA, Eclipse, Netbeans, Microsoft Visual Studio, Microsoft Visual Studio Code, PyCharm, CodeBlocks, QT Creator, RStudio
- Testing Tools: JUnit, Selenium, Mocha, Robot Framework
- Project Management Tools: Trello, Jira, Confluence
- Others: Microsoft Office

## EDUCATION

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Aug 2018 - Jun 2020

##### Master of Science in Information Technology, Tampere University, Finland

Major: Software Engineering - Web & Cloud

CGPA: 4.02 (on a scale of 5.00)

Thesis Title: [Optimizing the Efficiency of the Data Analytics Framework Using Microservice Architecture](#)

Jan 2013 – Dec 2016

##### Bachelor of Science in Software Engineering, University of Dhaka, Bangladesh

CGPA: 3.55 (on a scale of 4.00)

Project: Plagiar - A web-based plagiarism detecting tool that detects plagiarism from a selected repository and is a complete repository management system

## LANGUAGE SKILLS

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English - Fluent

Bangla - Native

Finnish - Conversational (A2.2)

## REFERENCE

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Available on request.