



## SHEIKH BIN ENAM

SENIOR FULL STACK SOFTWARE DEVELOPER  
SPECIALIZED IN BACKEND DEVELOPMENT

### CONTACT DETAILS

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### REFERENCE

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### WORK EXPERIENCE

- **Senior Full Stack Software Engineer**  
**Nokia Solutions and Networks (Espoo, Finland)**  
**October 2021 – Present**  
**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), ReactJS, MongoDB, Docker, Kubernetes, Jenkins, SonarQube  
**Responsibilities:**
  - Focusing mainly on backend development
  - REST APIs and feature development
  - Writing unit 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
  - Take part in release activities time to time
  - Time to time upgrading 3<sup>rd</sup> 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)**  
**August 2020 - September 2021**  
**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:** ExpressJS, 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
  - 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 3<sup>rd</sup> party libraries being used in the backend
  - Work on the UI when needed
  - Using tools like Jira, Confluence, and Microsoft Teams

## WORK EXPERIENCE (CONTINUED)

- **Software Developer Trainee and Thesis Worker**

**Cloubi Ltd. (Tampere, Finland)**

**May 2019 - February 2020**

**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
- Practicing Scrum within the team
- Fixing Sonarqube issues
- Using tools like Jira, Confluence, Slack, and Google Meet

- **Software Quality Assurance Engineer**

**Loence Solution (Dhaka, Bangladesh)**

**August 2017 - July 2018**

**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

- **Intern**

**Research and Development Team, Technology Division**

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

**January 2016 - June 2016**

**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
- Fixing Sonarqube issues
- Using tools like Jira, Confluence, Slack, and Google Meet

## EDUCATION

- **Master of Science in Information Technology**  
Major: Software Engineering - Web & Cloud  
Institution: Tampere University  
CGPA: 4.02 (on a scale of 5.00)  
Period: August 2018 - June 2020  
Thesis Title: Optimizing the Efficiency of the Data Analytics Framework Using Microservice Architecture
- **Bachelor of Science in Software Engineering**  
Institution: University of Dhaka  
CGPA: 3.55 (on a scale of 4.00)  
Period: January 2013 - December 2016  
Project: Plagiar – A web-based plagiarism detecting tool which detects plagiarism from a selected repository and is a complete repository management system.

## TECHNICAL COMPETENCIES

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

## LANGUAGE SKILLS

- **English:** Fluent
- **Bangla:** Native
- **Finnish:** Conversational (A2.2)