



SHEIKH BIN ENAM

SENIOR FULL STACK SOFTWARE DEVELOPER
SPECIALIZED IN BACKEND DEVELOPMENT

CONTACT DETAILS

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REFERENCE

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Tecnotree Corporation
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WORK EXPERIENCE

- **Senior Full Stack Software Engineer**
Nokia Solutions and Networks (Espoo, Finland)
October 2021 – Present
Project: Nokia Orchestration OrderHub
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 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)
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 3rd 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, 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