

Muhammad Shamsul Maruf

Senior Software Engineer | Java, Spring, Cloud, jQuery, AngularJS, ReactJS Full-Stack Development

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GitHub: <https://github.com/smaruf>

Professional Summary

Passionate Senior Software Engineer with extensive experience in Java, Spring Boot, Angular, Node.js, TypeScript, AWS, and Kubernetes.

Skilled in full-stack development, cloud-native architectures, cryptography, and fintech applications. Experienced in health management, banking, government services, and innovation management.

Technical Skills

- Backend: Java (Spring Boot, Java EE), Python, GoLang
- Frontend: Angular, React, JavaScript, TypeScript, Bootstrap
- Databases: MySQL, PostgreSQL, Oracle, Redis, Elasticsearch
- Cloud & DevOps: AWS, Kubernetes, Docker, CI/CD (TeamCity, Jenkins)
- Others: FIX/ITCH/Fast Protocol, Cryptography, Secure Communication

Professional Experience

EPAM Systems, Poland

Senior Software Engineer (May 2023 - March 2025)

- Developed Java-based backend solutions using Java 17, Spring Boot, AWS, and Python.
- Built front-end applications with Angular, TypeScript, and Bootstrap.
- Conducted R&D on data visualization using Plotly.js and D3.js.

EcoSoftBD, Bangladesh

Principal Software Engineer (April 2022 - April 2023)

- Researched and integrated NASDAQ matching engine with FIX/ITCH/Fast protocol for stock exchanges.

TigerIT Bangladesh Ltd.

Senior Software Engineer (June 2021 - February 2023)

- Worked on government projects including NID, passport systems, and secure communication using Java, Spring, Python, and GoLang.

Kona Software Lab Ltd.

Senior Software Engineer L-2 (August 2019 - June 2021)

- Developed e-money banking solutions and VISA-compliant e-card software using Java, GoLang, Oracle, AngularJS, ReactJS.
- Supported NAGAD and NEXUS Pay platforms.

IdeaScale Ltd.

Senior Software Engineer (December 2015 - August 2019)

- Built idea management platforms for DARPA, NASA, and US Navy using Java, Spring, jQuery, MySQL, Elasticsearch, ChartJS, and Docker.

Therap Services, LLC

Senior Software Engineer (January 2008 - December 2015)

- Developed HIPAA-compliant SaaS applications for the developmental disability field using Spring and J2EE with Oracle DB and Groovy on Grails.

IICT, BUET, Bangladesh

Programmer (August 2006 - July 2007)

- Developed applications for BUET, DESCO, and gas supply companies using Java, C#, and SQL databases.

Education

BSc in Computer Science & Engineering | Rajshahi University of Engineering & Technology (RUET) | 2000 - 2005

Languages

- English (Professional)
- Bangla (Native)
- Arabic (Limited)