**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**

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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**

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- 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**

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# **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**

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

**Languages**

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- English (Professional)

- Bangla (Native)

- Arabic (Limited)