

Curriculum Vitae

- **General Information**

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

- **Education**

Bachelor of Science in Engineering | June 2000 – January 2005 | 3.21/4

Computer Science & Engineering, Rajshahi University of Engineering & Technology (RUET), Bangladesh

- **Languages**

English: Upper-Intermediate or B2 (Everyday and Professional Use)

- **Professional Summary**

- Senior Software Engineer with over 15 years of experience in back-end development, R&D, and solution architecture.
- Adept in Java, Spring, Python, Go, NodeJS and Cloud-native tools like AWS lambda, S3, EC3, RDS and NoSQL, Kafka, Redis.
- Experienced in secure, government, banking, and healthcare applications.
- Solid background in software for Biometric ID systems, e-money platforms, idea management tools, and federal-compliant SaaS solutions.
- Skilled in containerization, CI/CD, and DevOps tools with strong analytical and communication skills.

. Work Experience

EPAM Systems Sp. z o.o, Gdańsk, Poland

Senior Software Engineer | March 2023 – March 2025

- **Cigna Healthcare (USA):** Developed backend APIs with Java 17, Spring Boot, and AWS services. Created AWS Lambda functions in Python. Extended Angular-based front-end. Created dashboards with Splunk.

- **Vanguard Property Management (USA):** Refactored back-end into RESTful APIs. Set up CI/CD pipelines. Built monitoring dashboards in Splunk.

- Tech Stack: Java 17, Spring Boot, Angular, AWS Lambda, DynamoDB, Open-search, Python, Docker, Jenkins, GitHub, Splunk, AWS Cloud-Watch, RDS, AWS API Gateway and Terraform

TigerIT Bangladesh Ltd. Dhaka, Bangladesh.

Senior Software Engineer | June 2021 – February 2023

- Conducted R&D and development using Java, Spring boot, Python, Groovy, Go, and jQuery.

- Worked on NID, vehicle tracking, passport, and secure communication projects.

- Tech Stack: Java, Kafka, Oracle, PostgreSQL, Redis, Python, Go, Weblogic, gRPC and SOAP

Kona Software Lab Ltd. Dhaka, Bangladesh.

Senior Software Engineer L-2 | August 2019 – June 2021

- Developed banking and e-money systems, VISA spec card integration.

- Supported NAGAD, NEXUS Pay. Worked on lottery software for Korea and Laos.

- Tech Stack: Angular, NodeJS, React, JavaScript, TypeScript, Java, Spring Boot, Kafka, Oracle, Redis, Jenkins, Spring Cloud API Gateway, Spring Zuul API GW

IdeaScale Ltd, Dhaka, Bangladesh.

Senior Software Engineer | December 2015 – August 2019

- Developed idea management platforms used by DARPA, NASA, US Navy.

- Tech: Java, Spring, jQuery, MySQL, Elasticsearch, Docker, TeamCity CI/CD, nginx API GW.

Therap Services, LLC (Therap BD Ltd), Dhaka, Bangladesh

Senior Software Engineer | January 2008 – December 2015

- Developed web apps for disability support services and clinical data management.
- Ensured HIPAA compliance. Stack: Spring MVC, J2EE.
- Tech Stack: Java, Oracle DB, MySQL, Groovy on Grails, Python, Spring, RDS, Android

IICT, BUET, Dhaka, Bangladesh

Programmer | August 2006 – July 2007

- Applications development in Java, C#, Visual Basic for BUET, DESCO, Bakhraabad Gas.
- Tech Stack: .Net, C#, Oracle DB, MySQL, MS-SQL, Visual Basic, Java, Java Swing

• Skills

Core Technologies: Java, Python, Go, Groovy, JavaScript, TypeScript, SQL/PL

Frameworks: Spring, Spring Boot, Hibernate, NodeJS, Eco, Flask

Cloud & DevOps: AWS, Docker, Jenkins, TeamCity, AWS API GW, Spring Cloud API GW

Databases: MySQL, Oracle DB, PostgreSQL, Elasticsearch, DynamoDB, RDS and NoSQL DB

Testing: JUnit, Cucumber, Jmeter, Sunfire

Tools: Webpack, Babel, Splunk, Kibana, Prometheus, Grafana, Maven, Gradle

Frontend: JavaScript, jQuery, NodeJS, HTML, CSS, ChartJS