

SAIFUL ISLAM

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SUMMARY

Software Engineer with more than two years of experience in full-stack development especially at the back-end of Java Spring Boot and building software solutions for two of the most prominent Govt. clients. Also a Research Enthusiast, interested in Computer Vision, and NLP. In search of a position as a Software Engineer where I can express my creative interests along with applying my technical skill set.

WORK EXPERIENCE

Software Engineer (R&D)

Sincos Automation Technologies Limited

📅 February 2023 - Present

- Built MCT software for **Unilever Bangladesh**

Associate Software Engineer

Spectrum Engineering Consortium Ltd.

📅 February 2021 - February 2023

- Built multiple complete softwares for '**National Board of Revenue (NBR)**' for modern and automated ways of both existing and new systems
- Partially worked with the **ML** team to implement research paper and contribute to the workflow
- Contributed in **SDLC**, from requirements definition to successful deployment
- Developed **REST APIs** using Java Spring Boot and managed API security
- Worked closely with clients to establish problem specifications, system and database designs
- Tested, coded, reviewed, and delivered software with on-time record and according to service level objectives
- Drafted documentation delineating designs and specs

EDUCATION

B.Sc. in Computer Science and Engineering

Ahsanullah University of Science and Technology

📅 March 2016 - December, 2020

CGPA: 2.964 out of 4

PUBLICATIONS

📄 Journal Articles

- Islam, Saiful et al. (2021). "Exploring Video Captioning Techniques: A Comprehensive Survey on Deep Learning Methods". In: *SN Computer Science* 2.2, pp. 1–28.

👥 Conference Proceedings

- Islam, Md et al. (2021). "DCNN-LSTM Based Audio Classification Combining Multiple Feature Engineering and Data Augmentation Techniques". In: *International Conference on Intelligent Computing & Optimization*. Springer, pp. 227–236.
- Raj, Amir Hossain et al. (2021). "Deep Learning Based Video Captioning in Bengali". In: *2021 26th International Conference on Automation and Computing (ICAC)*. IEEE, pp. 1–6.

STRENGTHS

- Programming Language: Python JS C++ Java
- Web Frameworks: Angular Spring Boot Spring Security
- Front-end Development: HTML CSS Bootstrap
- Database: PostgreSQL MySQL Hibernate
- ML Frameworks: PyTorch
- Python Library: Scikit-learn OpenCV
- Others: Git Docker JWT MQTT Node-RED
- Operating System: Windows Linux Distro

PROFESSIONAL PROJECTS

- Unilever Manufacturing Control Tower
Tech.: Node.js, AngularJS, PostgreSQL
- User Management System
Tech.: Spring Boot, Angular, PostgreSQL
- Agriculture Cluster Admission System
Tech.: hapi.js, Angular, PostgreSQL
- Customs Reward Management System
Tech.: Spring Boot, Angular, PostgreSQL
- Customs Automation Asset Management System
Tech.: Spring Boot, Angular, Oracle
- License Management System
Tech.: Spring Boot, Angular, Oracle
- File Tracking System
Tech.: Spring Boot, Angular, PostgreSQL

PARTICIPATION

- Robi Datathon 2.0 (2022)
- Hackathon at #FormulaAI Hack 2022
- Idea Contest at DU FABFEST-2018
- Hackathon at BUP ICT FEST-2018
- Project Showcase (Software) at CODEWARE-2018, AUST
- Programming Contest at Intra AUST Programming Contest Fall 2017
- 5-sessions Long Workshop on Soft Skills at BUET ROS-TRUM Season 3