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. and Private clients. Also a Research Enthusiast, interested in Computer Vision. In search of a position as a Software Engineer where I can express my creative interests while applying my technical skill set.

WORK EXPERIENCE

Software Engineer (R&D)

Sincos Automation Technologies Limited

📅 March 2023 - Present

– Built MCT Software for **Unilever Bangladesh**

– Responsible for Requirement Analysis and System Architecture Design

– Developing Backend API using NodeJs

Associate Software Engineer

Spectrum Engineering Consortium Ltd.

📅 February 2021 - February 2023

– Built Multiple complete Software 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

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` `LaTex (Overleaf)`
- Operating System: `Windows` `Linux Distros`

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 ROSTRUM Season 3