ASHRAFUL ISLAM SHANTO SIKDER

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OBJECTIVE

Detail-oriented Software Engineering Graduate with progressive experience in writing code and designing solutions. Aspire to seek available position related to software engineering in your organization.

EDUCATIONAL BACKGROUND

University of Dhaka   **(January 2019-December 2023)**
Bachelor of Science in Software Engineering (Hons)
CGPA: 3.65

AWARDS & RECOGNITIONS

- **Runner Up, Deep Learning Sprint 2.0**, **BUET CSE FEST**   **(2023)**
- **Runner Up, Public Key Infrastructure Contest** hosted by **ICT Division Bangladesh**   **(2023)**
- **Winner** at **Bangladesh Math Olympiad**   **(2011, 2013, 2014, 2015, 2016, 2017, 2018)**
- **12th** in Bangladesh, 1839th Global (out of 9004) at **Google Hash Code**   **(2021)**
- **Top 10 Finalist**, Hackathon, SUST SWE FEST   **(2022)**

WORK EXPERIENCE

Leads Corporation Limited.   **(December 2022-May 2023)**
Software Engineer (Intern)
- Worked with the backend team.
    - Implemented microservices in Spring Boot along with the core components of microservice architecture - API Gateway, Service Registry, Cloud Config Servers, Circuit Breaker Dashboards etc.

- Worked with the frontend team.
    - Developed multiple modules implementing proper design patterns (Singleton, Observer, Facade etc.) in Angular Framework.

- Participated in design and development of AI-based automations in the insurance domain.
    - Provided a modern deep learning based solution for Document Layout Analysis.

ONLINE JUDGE PARTICIPATION

LeetCode - ash1971(1744), **Codechef** - ash1971(1942), **Codeforces** - ash1971(1429)

PROJECTS

Bidders' Den, *An Online Auction Place* - Implemented all the features a top e-commerce site needs including Machine Learned Recommendation System, Chat System, Integrated Payment Gateway, etc.
Technology: Angular, Django   **(2022)**

MiniFacebook - Simulated basic features of Facebook by implementing Microservice Architecture.
Technology: Docker, Angular, Django   **(2022)**

Bangla Image Caption Generation Tool - Designed and Implemented a deep learning based tool to generate Bangla captions from images through state-of-the-art vision transformers and language models.
Technology: Angular, Django, HuggingFace   **(2023)**

Unishare - Developed the backend server for a university based online rental place.   **(2023)**
Technology: Spring Boot

SKILLS

Programming Languages: Java, Python, TypeScript, C, C++
Development Frameworks: Spring Boot, Angular, Django
Machine Learning Frameworks: Pytorch, Tensorflow
Others : Docker, SRS-Documentation, Computer Vision, NLP
Language : Bangla (Native), English(Fluent), Hindi (Conversational)

EXTRACURRICULAR INVOLVEMENT

Vice President, IIT Programming Club   **(2022 -2023)**
Hosted regular contests and training sessions.
Trainer, Sylhet Parallel Math School   **(2016-2018)**
Trained and mentored students for two years preparing for Olympiads

REFERENCES

Dr. Naushin Nower   *Dr. Ahmedul Kabir*
Professor,   *Associate Professor*
Institute of Information Technology   *IIT,*
University Of Dhaka   *University of Dhaka*
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