Niloy Biswas

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Career Objective:

To work in a creative environment and build my career around technologies that would make me enjoy my work.

Employment History:

1. **Programmer (June 2021 – Present)**

   Company Name: Southtech Limited
   Company Location: Hazi Komar Uddin Tower, 3rd Floor – West Side, 27, Ashkona, Dakshinkhan, Dhaka-1230
   Department: Financial Solutions Department (Govt. Projects)

   Duties/Responsibilities:
   - Building backend services with Java Spring Framework.
   - Building cross platform mobile applications using Dart and Flutter.
   - Maintaining legacy native Android apps.
   - Web application deployment with Docker and Kubernetes.
   - Research & development for new technologies.
   - API Load testing.
   - Writing test documents.

   Projects:
   - **Primary Student Profile:** This is a government project for Directorate of Primary Education collaborating with CRVS Cabinet Division, BDRIS and NIDW. The main purpose of this project is to digitize the Primary Education sector of Bangladesh in every way possible. (**Web**, **Mobile**)
   - **AFS (Ascend Financial Solutions):** AFS is the pioneer of microfinance solutions in Bangladesh. It has been contributing significantly to the growth of Bangladesh's microfinance industry. Moreover, some other MFIs beyond the borders have benefited from this software. (**Link**)

2. **Flutter Developer (April 2020 – June 2021)**

   Company Name: Bornon IT
   Company Location: Khilgaon, Dhaka-1000
   Department: Technical

   Duties/Responsibilities:
   - Developing cross platform mobile application using Dart and Flutter.
   - Unit testing and Widget testing of existing Flutter apps.

   Projects:
   - **Aro's Express:** Aro's Express is a logistics and door to door delivery service provider. This application provides them all their services in the form of a mobile app. (**Link**)
   - **Bulk SMS:** This is a mobile application that helps users to send SMS to multiple users at a time. Users can store/save multiple contact information and send SMS whenever they want. (**Link**)
   - **BDInfo Rajbari:** It is a project from Rajbari Deputy Commissioner. Main purpose of this application is to store birth registration information of new born babies across the different Unions of the Rajbari District. This data is then used for Government related task by the Deputy Commissioner. (**Link**)
   - **Heilo:** Heilo is a EdTech project. Heilo provides offline home tutor service. It uses sslcommerz payment gateway.

3. **Co-founder & Software Engineer (May 2019 – April 2020)**

Company Name: Kothon
Company Location: Bangladesh Computer Council, Agargaon, Dhaka-1207
Department: Technical

Duties/Responsibilities:
- Designing and building PBX solutions.
- Building native and cross platform mobile applications.
- Research & Development.
- Managing technical team.

Projects:
- **Kothon:** Kothon is a VoIP mobile application built using Dart & Flutter. It uses the power of Private Branch Exchange (PBX) as backend to communicate with others.

Academic Qualifications:

Title	Major	Institute	Result	Passing Year
B.SC	Computer Science & Engineering	North South University	2.87/4.00	2020
H.S.C	Science	University Laboratory College	4.20/5.00	2013
S.S.C	Science	Motijheel Govt. Boys' High School	5.00/5.00	2011

Training/Certification:

Title	Institute	Year	Duration
Red Hat Certified System Administration (RHCSA) (**Link**)	Red Hat	2019	Dec 14, 2019 – Dec 14, 2022

Skills:

- Backend service development with Spring Boot, Go, FastAPI and Laravel.
- Frontend with Angular and Laravel Blade template.
- Android and iOS application development using Dart and Flutter.
- Programming knowledge on Java, Go, Python, Kotlin, Swift & Typescript.
- Linux System Administration.
- Database – Oracle SQL, PostgreSQL, MySQL.
- Github Actions, Docker and Kubernetes.
- R&D, Documentation, Version Control with Git and SVN. Debugging, Googling.

Research & Publications:

- **Data Mining Techniques to Categorize Single Paragraph Formed Self Narrated Stories,** 5th International Conference on ICT for Sustainable Development (ICT4SD-2020). (**Link**)
- **Professional Information Visualization using Augmented Reality; AR Visiting Card,** 2nd International Conference on Sustainable Technologies for Industry 4.0 (STI-2020). (**Link**)
- **Augmented Reality in Medical Education; AR Bones,** 2021 International Conference on Computing, Communication and Intelligent Systems (ICCCIS – 2021). (**Link**)

References:

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