







Niloy Biswas

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PROFILE STATEMENT:

Highly motivated and detail-oriented Software Engineer with a strong foundation in computer science and hands-on experience in designing, developing, and deploying scalable software solutions. Adept at collaborating with cross-functional teams to drive innovation and meet project goals. Eager to contribute technical expertise and a growth mindset to a dynamic software engineering role.

EXPERIENCE:

1. Vivasoft Limited (Jan 2024 – Present) – Software Engineer L-II

Responsibilities:

- Building and maintaining cross platform mobile applications using Flutter framework.
- Maintaining legacy codebase.
- Reviewing PRs and guiding juniors to the right direction.
- Actively participate in research and development.

Projects:

- **bKash Customer App:** bKash is the largest mobile financial service (MFS) provider in Bangladesh, allowing users to make payments and transfer money. As an augmented resource, I had the opportunity to work on Pay-Bill, Education-Pay, Payment, Send-Money, Electronic Toll Collection and Coupon services in bKash customer app.
- **Financfy:** Financfy is an online accounting software that manages business income and expenses. It contains services like Cash Management, Sales Management, Expense Management, Inventory Management and Invoice Management.
- **PiHR:** PiHR is a leading HR management software in Bangladesh, used by more than 500 companies across the country. It contains features like Attendance tracking, Payroll disbursement, leave management and employee tracking.

2. Southtech Limited (Jun 2021 – Dec 2023) – Programmer

Responsibilities:

- Building cross platform mobile applications using Dart and Flutter.
- Maintaining legacy native Android apps.
- Building backend services with Java Spring Boot Framework.
- Building CI/CD pipeline 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.
- **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.
- **Scaled:** Scaled is one of the leading HR management software in Bangladesh. It has hundreds of customers across the country and it is being widely used in many public and private banks and universities.

3. BornonIT (Jan 2020 – Jun 2021) – Jr. Software Engineer

Responsibilities:

- Developing cross platform mobile application using Dart and Flutter.
- Unit testing and Widget testing of existing Flutter apps.
- Occasionally take part in backend development.

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.
- **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.
- **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.
- **Heilo:** Heilo is a EdTech product for an aspiring startup. Heilo provides offline home tutor service. It uses sslcommerz payment gateway and firebase as backend.

4. Kothon (Jan 2019 – Jun 2021) – Co-Founder & Software Engineer

Responsibilities:

- Building native and cross platform mobile applications.
- Designing and building PBX solutions.
- Building backend services to integrate with PBX servers.
- Research & Development.
- Managing technical team.

Projects:

- **Kothon:** Kothon is a VoIP application built using Dart & Flutter. It uses the power of Private Branch Exchange (PBX) and dedicated backend to communicate with others. Technologies used in this project include Asterisk, Native Android and Flutter.

TECHNICAL SKILLS:

- Android and iOS development using Dart and Flutter.
- Backend development with Java Spring Boot, PHP Laravel and Go.
- Programming knowledge on Java, Go, Dart, Kotlin, Swift, Javascript and PHP.
- Database – SQL, NoSQL and GraphQL.
- Linux System Administration.
- CI/CD with GitHub Actions, Jenkins, Docker and Kubernetes.
- Research & Development.
- Documentation, Version Control with Git and SVN.

EDUCATION:

North South University (2015 – 2020)

Bachelor of Science in Computer Science & Engineering (BS CSE)

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](#))