Badrul Alam Siddique Masfy

Sylhet, Bangladesh

📱 01646885768 | ✉ badrulalamsiddique@gmail.com | 🐙 github.com/Mashfy | 🔗 linkedin.com/in/mashfy

About Me

A graduate of Computer Science and Engineering (BSc) discipline at the Shahjalal University of Science and Technology. Currently working as an Associate Software Engineer at Streams Tech, Inc. Zealous about software engineering and web development, Thriving in fast-paced environments, where technical skills innovate.

Education

Shahjalal University of Science and Technology   *Sylhet, Bangladesh*

B.Sc(Eng). In Computer Science and Engineering   *Jan 2018 - Feb 2023*

CGPA: 3.53 out of 4

Work Experience

Streams Tech, Inc   *Dhaka, Bangladesh*

Associate Software Engineer   *Mar 2023 - Present*

- Working collaboratively with a 25+ members team to develop a Monitoring and Evaluation system (M&E) for BRAC.
- Building a cross-platform mobile application for field level Monitoring and Evaluation process.
- **Technical Skills:** Flutter, Dart, SQL, Git, Jira.
- **Soft Skills:** Teamwork, Time Management, Communication.

Notable Projects

E-commerce, Seller and Bank

Web Application (3 organizations)   *Feb 2022 - Jun 2022*

- Organizations (E-commerce, Supplier, Bank) have their own NodeJS backends connected with MongoDB, ReactJS frontends.
- Built a 3-way API calling between organizations for Transaction confirmation, supplied products, and bank balance updates.
- **Tools:** MongoDB, ReactJS, NodeJs. **Github: Source Code**.

PocketLencer

Mobile App (Cross Platform)   *Aug 2021 - Nov 2021*

- The natively compiled app (iOS and Android) was built through MVP (Minimum Viable Product) approach using a single codebase.
- States management is done using BLoC (Business Logic Components) pattern to sell art works of an artist to customers.
- **Tools:** Flutter, Dart, Firebase. **Github: Source Code**.

Pinkman

Web Application   *Feb 2021 - Jun 2021*

- E-commerce app is designed with rapid development and pragmatic design with the automatic admin interface of Django.
- Django features are utilized for categorized products view, search products, responsive UI, etc.
- **Tools:** Django, MySQL, HTML, CSS, JS. **Github: Source Code**.

Automate Nest

Internet of things, Android ap   *Feb 2021 - Jun 2021*

- Developed a modular home automation system to control home accessories with an android application and basic IoT devices via Bluetooth.
- **Tools:** Android Studio, Java, Arduino, Bluetooth Module. **Github: Source Code**.

Shooting Improvised

Window Application, Java   *Mar 2019 - Jul 2019*

- A fictional window-based shooting game with multiple gaming features such as random enemy popup, blast animation, etc.
- **Tools:** Java Swing. **Github: Source Code**.

Undergrad Research

Visual question answering (VQA)

Deep Learning, Computer Vision   *Feb 2022 – Present*

- Working on a computer vision task where a system must deliver the answer to a text-based question about an image. Currently working on increasing the accuracy for natural image datasets with a synthetic-like natural hypothesis.
- **Outcome so far:** A draft extensive review paper on VQA.

Problem Solving   **(500+ total solved)**

CodeForces	mashfy
Virtual Judge	2017331060
Hacker Rank	mashfy
LeetCode	mashfy

Skills

Programming and FrameWorks	C, Java, C++, Python, Js, Dart, LaTeX, Django, NodeJS, TensorFlow.
Database	MySQL, MongoDB.