

Jubair Hossain

Full Stack Engineer having 3 years of firsthand experience

Effective communicator, team-motivated and dynamic career-oriented software professional with 3 years of firsthand industry experience, overseeing all aspects of the Software Development Life Cycle. Committed to providing high-quality systems in a fast-paced, deadline-driven environment within budgetary constraints. Adept at system optimization and automation. Passionate about Javascript and Python.



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PROFESSIONAL EXPERIENCE

Full Stack Engineer

mPower Social Enterprises Ltd. [🔗](#)

07/2017 - 04/2020

Responsibilities

- Developed core product components and client-required modules from scratch for **17+ projects** in the last 2 years of service.
- Researched business logic & redesigned a SAAS survey model that **increased efficiency by 33%** in the Q2 after implementation.
- Implemented high-performant analytical dashboards and reports using Highcharts and Datatable, resulting in a **25% reduced site load time**.
- Automated JSON and XML form-data parser and export module using Cron job, achieving **over 95% customer satisfaction**.
- Designed and implemented a bulk upload engine to upload large volumes of records simultaneously from excel, **boosting profit by 7%**.
- Mentored 1 junior engineer to write scalable code, establishing coding standards and methodologies.
- Collaborated with an agile **team of 5** and prioritized scope requests to ensure execution of the substantial features first.
- Maintained top-notch communication with internal **6 teams** and 4 stakeholders to determine solutions for the user experience.

EDUCATION

B.Sc. (Computer Science & Engineering)

Military Institute of Science & Technology [🔗](#)

2013 - 2016

Contributions

- Built **50% cost-effective** learning appliances for Autistic Kids (IoT, Arduino, Java).
- Integrated navigation system for tourists (Java, MySQL, Apache, Tomcat).
- Utilized PHP and jQuery for handling goods status in a garment's production house.
- Published a [Conference Paper](#) on edification challenges of Autism Spectrum Disorder with **6 authors** receiving **350+ full-text views**.
- Solved **300+** problems in [UVA](#), [LeetCode](#) and Codeforces.

TECHNICAL SKILLS

Bootstrap5

ES6+

GraphQL

MongoDB

Node.js

PostgreSQL

Python

React.js

Redux.js

Typescript

Git

Jest

Express.js

PROJECTS

PROTTASHA MIS (IOM-OIM) [🔗](#)

- Integrated interactive geological hierarchy using Geojson and Mapbox to improve governance and safe migration for **3k+ immigrants'** sustainable reintegration.

Shufola (IFC) [🔗](#)

- Designed SMS configuration panel based on sowing crops in a definite variety, stage, and season for **35k+ farmers**.
- Promoted service through Boomcast API, generating **170+ promotional text and voice SMS** per day for call center counseling on the most profitable cultivation **14 days before** the season.

Early Action Protocol (German Red Crescent) [🔗](#)

- Revamped an automated alert system on real-time forecast data of floods and cyclones to the BDRCS team allowing **3 times faster response** to implement early action protocols.
- Visualized alarming areas by administrative boundaries before disasters, resulting in helping **10k+ villagers** to take refuge in a shelter.

ACHIEVEMENTS

Commandants Commendation for outstanding performance and contribution [🔗](#)

LANGUAGES

Bangla



English



SOFT SKILLS

Active learning

Adaptability

Team building