# Shaswata Bhattacharya

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## Professional Overview

✓Collaborated with teams and teammates to create successful projects.

✓As Junior Software Engineer at Sulekha Sons LTD. contributed to projects on Employee Relationship Management Software including but not limited to Employee profile, task manager with google calendar, message board, leave management.

✓ As a Freelance web developer contributed and completed multiple projects of varying scale, such as MEAN (MongoDB, Express JS, Angular JS, Node JS) stack web application for music streaming with Content Management Software. Additionally, worked on multiple portfolio websites for businesses and people with prebuilt Content Management Software in Laravel.

✓Created and maintained multiple projects in multiple framework and language.

✓Well versed in Full stack development with MERN, MEAN, MEEN stacks and Laravel.

✓Worked on HRMS, CRMS, CMS and other ERP software solutions.

✓As Senior Software Engineer collaborated with other teams and worked on the same firm's Client Relations Management Software, Human Resource Management Software, Accounts Resource Management Software.

✓ Extensive project building experience using both Java and Python and C++. Including but not limited to multiple concurrency problems like Bank Transaction System using Java and Machine Learning projects using Python and multiple Object Oriented Programming projects in C++..

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## Education

**Master of Applied Sciences in Computer Engineering**  Expected September 2024

Memorial University of Newfoundland  St. John's, NL

**Bachelor of Technology in Information Technology**  Aug 2016 – Jul 2020

Department of Computer Science and Engineering
National Institute of Technology, Durgapur
India

## Skills

**Technical:** Software Development, Web Development, Machine Learning, Database Management, Software Design, ERP Web applications, Natural Language Processing.

**Software:** Python, Java, C++, React JS, Node JS, Angular JS, Laravel, Node JS, MongoDB, MySQL, JavaScript, HTML, CSS.

**Professional:** Communication skills, Time Management, Work Ethic, Teamwork and Collaboration skills, and Problem solving skills.

## Relevant Work Experience

**Senior Software Engineer**  Aug 2020 – June 2022

Sulekha Sons LTD.  Dhaka, Bangladesh

I started as a Junior Software Engineer, working on their ERP Software development. I was promoted to Senior Software Engineer and continued to develop different Software solutions using the MERN stack.

- Worked in a team to develop different Relations Management System.
- Showed leadership skills which lead to guiding my own team as Senior Developer.
- Successfully developed and deployed mentioned systems, along with training staff on how to use them.
- Communicated with different teams to achieve larger goals.
- Worked across multiple frameworks while doing so.

**Freelance Web Developer**  Apr 2021 – Sep 2022

Fiverr / Self  Dhaka, Bangladesh

As a freelance Web Developer, I contributed and completed different projects notably a Web application for music streaming with CMS (Content Management Software) using MEAN Stack and multiple portfolios with prebuilt CMS as SaaS using Laravel.

- Communicated with clients to achieve their goals.
- Worked on multiple successful projects with before deadline deliveries.

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- Worked on projects of multitude of complexities alone. Including developing CMS software alone.
- Developed multiple portfolio website for personal and professional use and prebuilt CMS as SaaS using Laravel.

## Additional Experience

**Summer Internship**                                                    May 2019 – June 2019
Bangladesh Computer Council                                              Dhaka, Bangladesh

I was team lead and in charge of the backend development of the Smart Leave Application System. We successfully completed it including multirole admin and employee dashboard.

- Took on a project on Smart Leave Application Management System.
- I was the lead for the project as well as designing and implementing the backend.
- We successfully implemented the project before the deadline with multiple markers of success, such as: Password Recovery System, Multi Role Admin, Multi-View Dashboard, Successful Integration.

**Frontend Clerk**                                                       Sep 2022 – Current
Sobeys Inc.                                                              St. John's, NL

- Providing excellent customer service.
- Mainly performing cashier duties and communicating with quite a few customers daily.

**Keyholder**                                                           Jul 2023- Oct 2023
Fat Bastard Burrito Co.                                                  St. John's, NL

- Performing supervisor duties such as managing shifts and performing closing duties.
- Handling Inventory for Sysco ordering and store operation.

## Certifications

**Supervised Machine Learning: Regression & Classification**             Aug 2023 – Sep 2023
Stanford University                                                      Online
**Advanced Learning Algorithms**                                         Sep 2023 – Oct 2023
Stanford University                                                      Online
**Unsupervised Learning: Recommenders, Reinforcement Learning**          Oct 2023 – Nov 2023
Stanford University                                                      Online

## Projects

WebStock: Machine Learning-Driven Stock Market Prediction Platform.

- It is a project implementing logistic regression and neural networks for stock analysis and presenting them through a web application.

## Awards

**Indian Council for Cultural Relations (ICCR) Scholarship**             2016 – 2020
External Affairs, Government of India

- Fully funded scholarship to pursue a Bachelor of Technology degree in India.

**Language:** English (Academic IELTS Score: Overall 8.0 > Speaking 8.0, Reading 9.0, Listening 9.0, Writing 6.5), Bengali (Native Speaker), Hindi (Speaking & Listening)

**Interests:**  Music, Sports, Films, Volunteering, Travelling.