

# Jannat Binta Alam

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in [LinkedIn](#)

🔗 [Portfolio](#)

🔗 [GitHub](#)

## OBJECTIVE

Programmer, Software Engineer, Web Developer and Tech Enthusiast

## HIGHLIGHTS OF QUALIFICATIONS

- Over the last 2 years of professional experience in **Software Development & Engineering Industry**.
- Strong background and proven skills in **Java, Spring Framework, SQL, HTML, CSS, JavaScript, jQuery, Bootstrap, ReactJS, AngularJS** and **Jasper Reporting Tool** with **Full-Stack Development, Database Programming**, using diversified technologies following **Agile, Scrum methodologies, Version Control System** and **QMS**.
- **Effective team player** with **professional communication skills** and **interpersonal skills**.
- Highly **motivated** with strong **analytical, logical, problem-solving skills, requirement analysis**
- **Multitasking ability** with **attention in detail**, with challenge and patience in fast-paced environment.

## PROFESSIONAL EXPERIENCE

Programmer

May, 2019 – Present

[Southtech Group, Uttara, Dhaka-1230, Bangladesh.](#)

- Played a vital role as an **effective team member** in a financial solution (**Banking and Micro-finance**).
- **Collected user requirements, documented, designed, created, debugged, tested, and implemented** various parts of **Banking, Micro-finance Solution, Accounting, and Reporting System**.
- **Planned, designed** and **coordinated** the **development, installation, and integration**.
- Added **Approval Flow, Bond, Collateral, and Multi-currency**, as new **integration** in as **enhancement**.
- Wrote **stored procedures** and **queries** following **business rules**.
- Fixed **bug** for an existing solution and performed **unit testing**.
- Worked as a **full stack developer**, done **UI design** and **developed logical and physical specifications**.
- Designed and developed **jasper reports**.
- Coding for automation and accomplished **automation testing** using **Selenium, UiPath (RPA)**.
- Performed lots of **unit testing & load testing** (using **locust**) for ensuring a 100% bug-free code.
- **Code reviewed** for colleagues and maintained log with proper documentation.

## OFFICIAL PROJECTS

### Ascend Financials

- A **Banking & Microfinance Solution** which includes products from core banking to financial inclusion. It consists of many modules like **Cash Management, Customer Management, Loan, Deposit, Security Administration**, etc.
- Used **Spring MVC** framework of **JAVA**.
- Worked as an **effective team member** in enhancement and bug resolve.

### NATP-2 (Bangladesh Government Project)

- A **Web-Based Accounting & Reporting System** which improves national agricultural productivity, market linkage, and farm income.
- Used **Spring Boot** framework of **JAVA**.

**KEY SKILLS & TECHNOLOGIES**

- SQL
- JavaScript
- Java ([afbd7e6f362e](#))
- HTML
- CSS
- Bootstrap
- AngularJS
- Spring Framework
- MySQL
- Python
- Hibernate
- MSSQL
- Spring Boot
- C++
- React

**Others**

- OOP
- Selenium
- Problem Solving
- Algorithm
- Junit
- UiPath
- Web Design
- Data Structure
- Locust
- Github
- OpenCV
- Jasper Report
- Micro Service
- MS Excel
- Rest API
- MS Office
- Enterprise Architect
- Cloud Application Development
- Competitive Programming
- Adobe Illustrator

**VOLUNTEER EXPERIENCE****Trainer****May, 2018 – April, 2019**

East West University Programming Club, Dhaka-1212, Bangladesh.

- Trained Programming Language and Software Development from Scratch.
- Provided lectures ([lectures slides](#)) & evaluated participants through performance and projects.

**Organizing Committee Member****Jan, 2019 – May, 2019**

International Conference on Advances in Science, Engineering and Robotics Technology (ICASERT-2019).

- Organized ICASERT-2019 ([Conference](#)) & mega event named "International Robo Fest 2019".

**Lead Executive (Publications), Sub Executive Committee****Mar, 2019 – Oct, 2019**

IEEE Computer Society, Bangladesh Chapter

- Managed & reviewed Magazines, Articles, & Publications.

**EDUCATION****Bachelor of Computer Science****Sep, 2014 - Jan, 2019**

East West University (EWU), Dhaka, Bangladesh

Result: CGPA-3.09 out of 4.0

**AWARDS & HONOUR**

- Achieved 1<sup>st</sup> place in **Game Competition** in JAVA Trainee Success Celebration Picnic **2019**.
- Accomplished 6<sup>th</sup> position in **Python Programming Contest** organized by East West University Robotics Club in **2018**.
- Attained **2nd Runner-up** in Apps War category in **International Telco Warfare 2017** hosted by East West University Telecommunications Club.

**PUBLICATIONS**

- "System Development using Face Recognition" (<https://ieeexplore.ieee.org/document/8776838>)
- "Real Time Patient Monitoring System based on Internet of Things" (<https://ieeexplore.ieee.org/document/8255410/>)
- "Big DNA Datasets analysis under Push down Automata" (<https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs169695>)
- "Stable walking of an underactuated bipedal robot with unbalanced masses using one actuator" (<https://ieeexplore.ieee.org/document/8934681>)