

<https://github.com/tssovi> • <https://www.hackerrank.com/profile/tssovi> • <https://www.linkedin.com/in/tssovi>  
<http://bit.ly/tssovi-projects> • <https://uhunt.onlinejudge.org/id/83645> • <https://tssovi.github.io>

## EMPLOYMENT

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**Software Engineer** **Circle FinTech Ltd.** **May 2019 - Present**

- I am part of a team who develop a BI model that can assist clients and agents, can detect malicious transactions and users.
- Introduced a mechanism that can generate settlement report faster than before by implementing redis as a temporary storage for a session.
- Implement kafka as a message broker for mobile top up and bill pay service.
- Design backend functionalities for internal support and settlement portal. I also involved in designing core system infrastructure.
- Implement python scheduler based on celery to scarp report data from internal services.
- Currently managing two interns and one junior for some RnD based development.
- Configure internal VPS and Nginx for python and django based project deployment.

**Software Engineer** **Misfit Technologies Ltd.** **Oct 2017 – Apr 2019**

- I was involved in developing an HRM and billing system of printing press, IoT based livestock tracking system and some backend functionalities for a chatbot named alice.
- Design and develop a python based common notification system that can notify our clients and vendor of different service.

**Software Engineer** **Bangladesh Microtechnology Ltd** **May 2017 - Oct 2017**

- Design, Develop and extend different ERP modules such as HRM, Accounting, Assest, Fleet, Warehouse and Inventory.
- Implement a payroll system that can handle multiple rostering schedules. I wrote a PL/SQL script that generate 7500+ workers payroll report within a minute.

**Junior Software Engineer** **Bangladesh Microtechnology Ltd** **Aug 2016 - Apr 2017**

- Modify and update existing ERP modules such as Accounting, Inventory and Asset.
- Update and implement new designs in web forms and reports.

## LANGUAGE AND TECHNOLOGIES

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- *Programming Languages* - Python, C#, C (basic), C++ (basic)
- *Operating System* - Ubuntu, Windows, MacOS, Android, CoreOS, ArchLinux
- *Database* - MySQL, PostgreSQL, SQLite, Oracle 11g, SQL Server
- *Technologies* – Algorithms, Data Structure, Django, Flask, DRF, JWT, Unit Testing, Jenkins, GraphQL, Git, Maven, Jira, Apache Kafka, Redis, Gunicorn, Nginx, Kubernetes, Docker

## EDUCATION

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**Dhaka, Bangladesh** **University of Asia Pacific** **Jul 2010 - Apr 2019**

- B.Sc. in Computer Science and Engineering.
- Main coursework: Data Structures, Algorithms, Computer Architecture, Database Systems, Operating Systems, Software Engineering, Pattern Recognition, Simulation, Discrete Mathematics, Artificial Intelligence etc.

## ACHIEVEMENTS AND RESPONSIBILITIES

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- Once ranked 1<sup>st</sup> and twice ranked 2<sup>nd</sup> in Inter Department Programming Contest during the university session. Trainer of a programming bootcamp at the university session.
- Speaker of the monthly knowledge sharing session at Circle FinTech Ltd.
- Conduct interviews at Misfit Technologies and Circle FinTech Ltd. for junior and mid-level software engineering position.