

# U Khyoi Nu

I am a quick learner and highly adaptable to any change.

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[khyokhyo.github.io](https://github.com/khyokhyo)



## Education

B.Sc in Computer Science & Engineering  
Shahjalal University of Science and Technology, Sylhet  
CGPA - 3.45 out of 4.0 (upto 3rd Year 2nd Semester)

2013 - Present

Higher Secondary Certificate  
Mymensingh Girls' Cadet College, Mymensingh  
GPA - 5.0 out of 5.0

- 2012

Secondary School Certificate  
Mymensingh Girls' Cadet College, Mymensingh  
GPA - 5.0 out of 5.0

- 2010

## Projects

ProctorSUST

<https://github.com/khyokhyo/proctorSUST>

ProctorSUST is a website for Proctor office of SUST where the official activities such as approving the campus organizations, notice publication, policy determination, proctorial committee validation etc. are made easy with everything online. Laravel 5.3 and MySQL database is used to develop the back end of this application and Bootstrap for the front end. Handling users with different roles and a large database was the main challenge of this project.

Slam Book

<https://github.com/khyokhyo/slambook>

Slam Book is a web application developed by using Laravel 4.2 framework and MySQL database. It is a community site which provides a healthy environment where the user can get his own personalized slambook filled by his friends in a new and exciting manner with everything online. As my first web application, learning a new framework and implementing it within a very short time was a great challenge in building the project.

Best Pick

<https://github.com/khyokhyo/bestPick>

Best Pick is developed by using Laravel 5.3 framework and MySQL database in back end and Bootstrap in front end. The website allows the registered users to post reviews on any product considering its price, quality and configuration which will help people to make decisions on buying them. The main challenge of this project is adding a personalized recommendation system which is still under development.

## Skills

Programming Languages

C, Java, PHP, HTML, CSS, JavaScript, Python

Database

MySQL, MongoDB, SQLite

Framework

Laravel, Bootstrap

Familiar IDE

CodeBlocks, NetBeans, Android Studio, PyCharm

Networking

CISCO Packet Tracer

3D Design

Google SketchUp

## Experience

- Participated in "HackBackPack 2" organized by Backpack Technologies, Inc. (2017)
- Participated in "National Hackathon for women 2017"
- Participated in "National Mobile Application Trainer and Innovative Application Development Program" (2015)
- Participated in "iferi.com & KAIZEN SUST Project Fair" as a team member of RoboSUST (Robotics club for students of SUST) showcasing an obstacle avoiding robot. (2013)
- Solved around a hundred problems on UVA Online Judge

## Smart Life

<https://github.com/khyokhyo/smartLife>

Smart Life is a website developed by using Laravel 4.2 framework which provides an all in one facility for users with a guideline of health, food, shopping, traveling and emergency contacts with everything online.

## Bangla Swipe Keyboard

This keyboard is build as a part of my undergraduate thesis work. It is a gesture based transliteration keyboard for android. Demo project will be available upon request.

## TrackMe

TrackMe is an android application to ensure the security of a person. When a call is not received it tracks the current location of the user and sends a message to the caller (who is enlisted in the trusted members group) specifying the users current location.

## Potterheads

Potterheads is a desktop game developed as a project for Networking course using JAVA socket. This game can be played by multiple players connected to the same network. Building a perfect socket connection was the main challenge in this project.

## Fishing Game

<https://github.com/khyokhyo/Fishing-Game>

Fishing Game is a simple desktop game for kids developed in Java as a project for Object Oriented Programming course.

## Publications

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Ranit Debnath Akash, Khyoi U Nu and Biswapriyo Chakrabarty. An Approach to Sort Unicode based Bengali Text using Trie. International Journal of Computer Applications 163(11):18-22, April 2017.

<http://www.ijcaonline.org/archives/volume163/number11/27439-27439-2017913764>

## References

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