



Rajashree Roy

SOFTWARE ENGINEER

Summary

Have excellent technical and communication skills and focused in software developing. Inspired to work in complex projects and solve hard problems. Motivated by new challenges. Have good knowledge on various algorithms and participated in programming contests. Have experience in working with different operating systems and platforms like Windows, Linux. Experienced in programming languages like C, C++, PHP, JavaScript, Python etc. Eager to challenging jobs and giving the best for the progression of the team.

Career Objective

To work in a challenging environment, acquire skills in the software field, gain experience in developing complex project with efficiency and quality. To work for the advancement of the organization and specialize in software developing.

Education

East West University, Dhaka, Bangladesh

B.S. IN COMPUTER SCIENCE AND ENGINEERING (CSE), CGPA: 3.72/4.00

National Ideal College, Dhaka, Bangladesh

Higher Secondary Certificate (HSC), 2014, GPA: 5.00/5.00

Motijheel Govt. Girls' High School, Dhaka, Bangladesh

Secondary School Certificate (SSC), 2012, GPA: 5.00/5.00

Experience

East West University

Undergraduate Teaching Assistant

Responsibilities:

As a teaching assistant, helped supervise students in class and lab practices and helped them understand course related topics. Helped supervise students in their projects and assignments on database and operating systems. Also helped teachers with recordkeeping and prepare for lessons.

Awards & Grants

Merit Scholarship, East West University, Bangladesh

Academic Scholarship, East West University Medha Lalon Fund

Entitled in the Dean's list, East West University, Bangladesh

Technical Skills

Programming Language	C, C++, PHP, JavaScript, SQL, Python
Operating System	Linux Ubuntu, Windows XP/7/8/10
Database	MS SQL Server, Oracle, MySQL
Specialization	Web Development (PHP, JavaScript, HTML, CSS)

Contact

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Strengths

Problem solving

Creative thinking

Quick learner

Team Work

Self Motivated

Flexibility and Adaptability

Interests

- ❖ Web Development
- ❖ AI
- ❖ Software Development

Extracurricular Activities

- ❖ Club Management
- ❖ Developing Projects
- ❖ Contest Participation

Project

Project Details: <https://mimipixiie.github.io/myprojects.html>

1) Project name: **Online Shopping Management System**

Language of implementation: PHP, JavaScript

Description:

This website is developed for online shopping. It would make categorized searching, viewing and selection of a product easier for the users. Users can search products based on age, sex or category, add the product into wishlist, add products into cart with any amount, place order & also cancel it on terms etc. Admin can add any product into database, entry the payments etc.

url: <https://mimipixiie.github.io/p3.html>

2) Project name: **Online Movie Ticket Booking System**

Language of implementation: PHP, JavaScript

Description:

This website is developed for booking movie tickets online. It would make categorized searching, viewing and selection of movies easier for the users. Users can search movies based on category, select movies based on showtimes, add the movie into wishlist. By clicking on 'showtime' of a movie, users can see the available seats and add tickets into cart for booking and then place order for payments. Cancellation of tickets can be made on terms. Admin can add any movie, schedule or showtime into database.

url: <https://mimipixiie.github.io/p2.html>

3) Project name: **University Database Management System**

Language of implementation: PHP, JavaScript

Description:

This website is developed for maintaining university database. The system provides security features through username-password matching where only authorized users can access the system with different authorization level like admin, faculty and student. It includes the following features-

- Online Advising & Course Registration: Faculty members and students can register to courses online. They can view information, submit grades.
- Online Posts & Notices & Course Materials for Specific classes: Students and teachers can post in their course page.
- Library Management: Students can search books, borrow and return them.

url: <https://mimipixiie.github.io/p1.html>

4) Project name: **Structural Classification of Proteins**

Language of implementation: Python

Description:

The main purpose of this project is to help classify proteins based on structural sequence using Naive Bayes, Random Forest and SVM approach and help determine accuracy, precision, recall etc and differentiate between the classifiers.

url: <https://mimipixiie.github.io/p6.html>

5) Project name: **Tourist Guide**

Language of implementation: Prolog

Description:

The main purpose of this project is to help those who are extremely fond of travelling. Often travelers got confused about where she/he should go. So our aim is to help them to choose a suitable place her/him. We also tried to give a suggestion on the basis of his previously chosen places (history).

url: <https://mimipixiie.github.io/p4.html>

6) Project name: **Leave Management System**

Language of implementation: PHP, JavaScript

Description:

This website is developed for maintaining database for office employees. The system provides security features through username-password matching where only authorized users can access the system with different authorization level like admin, employee. It maintains workforce efficiency and productivity, optimizes staff scheduling during absences, keeps track of all scheduled employee time off and keep business operations running smoothly.

url: <https://mimipixiie.github.io/p5.html>

7) Project name: **Line Follower Robot Car**

Platform of implementation: Arduino

Description:

The main purpose of this project is to help transfer goods or baggage from one place to another following a straight path. It can be used in industries as automated equipment carriers.