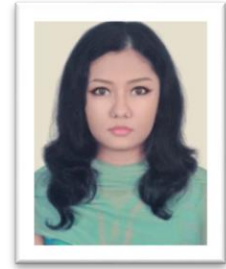


## Rajashree Roy

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LinkedIn Profile : [linkedin.com/in/rajashree-roy-9ab4a5171/](https://www.linkedin.com/in/rajashree-roy-9ab4a5171/)  
Portfolio : [mimipixie.freeasphost.net/portfolio/](http://mimipixie.freeasphost.net/portfolio/)  
GitHub : [github.com/mimipixiie](https://github.com/mimipixiie)



### SUMMARY:

Have excellent technical and communication skills and am focused in software industry. Motivated by new challenges and give the best to achieve success in projects. Like to work in complex projects and solve hard problems. Have experience in working with different operating system and platforms like Windows, Linux. Experienced with programming languages like C, C++, Python, JavaScript, PHP etc. Keen to challenging jobs and like to do the best for the progression of team.

### CAREER OBJECTIVE:

To work in a challenging environment, achieve skills in the respective field and work for the progression of the organization and myself and gain experience in developing complex project with efficiency and quality.

### EDUCATIONAL QUALIFICATION:

East West University, Dhaka, Bangladesh

B.Sc. in Computer Science and Engineering, 2018, CGPA: 3.72/4.00, Advisor: Amit Kumar Das  
Grade sheet: [mimipixie.freeasphost.net/portfolio/gradesheet.html](http://mimipixie.freeasphost.net/portfolio/gradesheet.html)

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

### WORK EXPERIENCES:

#### East West University

#### Undergraduate Teaching Assistant (2017 - 2018)

##### Responsibilities:

As a teaching assistant, have helped students in lab practices and helped them understand course related problems. Have also instructed students in projects and assignments on database and operating systems.

## TECHNICAL SKILLS:

- Programming Language: Python, R, C, C++, C#, PHP, JavaScript
- Specialization: Web Development, Machine Learning, Data Science
- SQL Database: MS SQL Server, Oracle, MySQL
- Web Development: PHP, JavaScript, AJAX, HTML, CSS, SQL, Bootstrap 2
- Operating System: Linux Ubuntu, Microsoft Windows XP/Vista/7/8/10
- Technical writing: LATEX
- Office Packages

## AWARDS & GRANTS:

Merit Scholarship, East West University, Bangladesh, IN 2014-2015

Academic Scholarship, East West University Medha Lalon Fund, Bangladesh, IN 2016-2018

Entitled in the Dean's list, East West University, Bangladesh, IN 2016-2018

## PROJECTS:

**Project Details:** [mimipixie.freeasphost.net/portfolio/myprojects.html](http://mimipixie.freeasphost.net/portfolio/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: <http://mimipixie.freeasphost.net/portfolio/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: <http://mimipixie.freeasphost.net/portfolio/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: <http://mimipixie.freeasphost.net/portfolio/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: <http://mimipixie.freeasphost.net/portfolio/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 place(history).

url: <http://mimipixie.freeasphost.net/portfolio/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: <http://mimipixie.freeasphost.net/portfolio/p5.html>

## **STRENGTHS:**

- Excellent Technical Skills
- Creative thinking and good problem solving ability
- Good Communication skills to present points precisely and clearly
- Good interaction skill to coordinate and work within a team
- Have experience in working with various operating systems

## **REFERENCES:**

### **Dr. Rezwanul Huq**

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East West University

Dhaka - 1212, Bangladesh

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### **Amit Kumar Das**

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