



Ujjal Kumar Roy
Software Engineer

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Software Engineer with experience in managing a team and making critical decisions. Passionate about Data Science and algorithms and interested in a full-time position in Software Development.

Education

Degree/Grade	Institution	Score
B.Sc. in CSE (currently pursuing (Final Semester))	Green University of Bangladesh	3.84/4.00
Higher Secondary School certificate	Bauphal Govt College, Bauphal	4.17/5.00
Secondary School Certificate	A.R.S. High School, Bauphal	4.61/5.00

Experiences

- **Making Guessing Game Project using JavaScript, Html, CSS**
 - For Page structuring, used HTML 5
 - For Design, used CSS3
 - For Functionality, used Vanilla JavaScript.
- **Smart Calculator System using JAVA CORE and JAVA Swing**
Object Oriented Programming Lab Course
 - For Functionality, Used Java Core Concept.
 - For Design Purpose, Used Java Swing.
- **Library Management Backend Design using MYSQL**
Database System Lab Course
 - Used XAMPP MYSQL.
 - Apply the Normalization theory in database to make the backend more optimized.
- **Library Management System using PHP and MYSQL**
Web Programming Lab Course
 - Used PHP and for the database, used my own design database which I designed in my Database system lab course.
 - In DBMS course, I only designed the backend but, in this project, I made a complete web app. In this project, I also use Bootstrap for designing purposes.
- **Smart Electricity Management System for Rural People of Bangladesh using (Firebase and Android Studio)**
Mobile Application Development Lab Course
 - Used Android Studio.
 - Core java.
 - For the database, I used Firebase.
- **Symmetric Meaning Based Bangla Territorial Language Identification from Voice**
Capstone Thesis Work
Currently, I am working on this thesis work with group members under the supervision of our Respected Faculty. As this work, mainly I work on local language identification from voice. We know, Barisal, Noakhali, Chattogram has own local language and it cannot detect google translator. So, my main goal is to convert the Bangla local language to standard form of Bangla.

Hard Technical Skills

- ❖ HTML5
- ❖ CSS3
- ❖ JavaScript (Proficient)
- ❖ React JS (Proficient)
- ❖ JAVA
- ❖ PHP
- ❖ Python
- ❖ MYSQL (Proficient)
- ❖ FIREBASE
- ❖ Algorithm
- ❖ Data Structure (Proficient)
- ❖ Software Development (Proficient)
- ❖ Android Development (Proficient)
- ❖ Machine Learning (Proficient)

Soft Skills

- ❖ Self-Learning
- ❖ Teamwork
- ❖ Team Leader
- ❖ Time Management
- ❖ Details Oriented
- ❖ Good Knowledge at Microsoft office
- ❖ Hardworking
- ❖ Problem Solver
- ❖ Git
- ❖ GitHub
- ❖ Netlify
- ❖ Unit Testing

Design Skills

- ❖ Figma
- ❖ AutoCAD(2D,3D)

Languages

Fluent in both Bangla and English.

Also knew Hindi but don't speak.