

# Md Anikur Rahaman

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## Objective

Hi!! I'm Md Anikur Rahaman Computer Science Student with expertise in software engineering, machine learning, and full-stack development. Proficient in **Java**, **Python**, **JavaScript**, Flask, and data science tools, with experience deploying ML models in web applications. Published researcher with a focus on NLP, deep learning and cloud computing optimization. Strong problem-solving and project management skills.

## Education

### East West University, Bangladesh

Sept 2019 – Sept 2024

BSC in Computer Science and Engineering

- CGPA: 3.03/4.0 (a [link of EWU](#) 📄)
- **Coursework:** Programing language, Comparison of Learning Algorithms, Artificial Intelligence, Machine Learning, Web development, Mobile Application, Data Mining, Advanced Data Science.

## Experience

### Research Assistant

EWU, Bangladesh

Machine Learning and Artificial Intelligence

June 2024 – Present

- Provided assistance to the Associate Professor of Computer Science and Engineering into Machine learning and deep learning platform.
- Automated the extraction and processing of large datasets from legacy systems using SQL and Perl scripts

### WordPress Plugin & Web Developer

Sparktech Agency,

Hands-on experience in developing custom WordPress plugins and dynamic web applications.

bdCalling IT

Jan 2025 – Present

- Developed and customized WordPress plugins to enhance website functionality, including custom dashboard tabs, WooCommerce integrations, and Tutor LMS extensions.
- Created and maintained responsive, SEO-friendly websites using HTML, CSS, JavaScript, PHP, and MySQL.
- Built custom WordPress themes and child themes with performance optimization and cross-browser compatibility.
- Integrated third-party APIs and payment gateways (e.g., PayPal, Stripe) into client websites.
- Ensured websites were secure, fast, and compliant with modern coding standards and best practices.
- Collaborated with clients to understand requirements and deliver user-friendly, scalable web solutions.
- Version-controlled projects using Git and managed deployments in live environments.

## Publications(Relesed On Going)

### DeepCerviNet: Enhance Cervical Cancer Classification using Supervised Learning Model (RAICON 2024) held on 30th November 2024

Dec 2024

**Md Anikur Rahaman**, Maksura Binte Rabbani Nuha, Md Safin, Al Hossain, \*Dr. Raihan Ul Islam  
IEEE Xplore | [Publication](#) | [Link](#) 📄

### Enhancing Cervical Cancer Detection: Leveraging Semi-Supervised Learning for Improved Prognosis (ICCIT 2024) held on — 2024

June 2025

Md Safin, Maksura Binte Rabbani Nuha, Al Hossain, **Md Anikur Rahaman**, \*Dr. Raihan Ul Islam  
IEEE Xplore | [Publication](#) | [Link](#) 📄

### Cervical Cancer Classification: Deep Learning Techniques using Fix Match Semi Supervised Approach (ICDMIS 2024) held on 7th - 8th October 2024

August 2025

**Strategic Process Optimization in Energy-Efficient Cloud Computing: Harnessing Heuristic-Based Greedy Algorithms for Resource Allocation and Process Transformation in Sustainable Systems (ICDMIS 2024) held on 17th - 18th January 2025**

Dec 2024

*Md Anikur Rahaman*, Mahmudul Hasan, Joy Datta, \*Dr. Ahmed Wasif Reza, KM Safin Kamal  
<https://cmt3.research.microsoft.com/Conference/Recent> [🔗](#)

## Projects

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### Online Shop Recommendation System(Thesis)

[github.com/name/repo](#) [🔗](#)

Developed a machine learning-based web application to recommend the best shop for a specific product by analyzing user reviews and product prices. The core objective was to rank shops based on sentiment extracted from customer comments and compare product pricing across different shops.

- Collected a custom dataset from Daraz, including product reviews and corresponding prices across various shops.
- Balanced and preprocessed the dataset, cleaned and normalized the reviews.
- Applied dynamic sentiment labeling on user comments using NLP techniques.
- Trained multiple machine learning models including BERT, RoBERTa, DistilBERT, LSTM, and Bi-LSTM to analyze review sentiments.
- Evaluated model performances and selected the best-performing model for deployment.
- Calculated weighted averages based on both sentiment scores and product prices to generate final shop rankings.
- Deployed the selected model in a web application using Flask.

The final result met our expectations and aligned closely with real-world user experience.

- Tools & Technologies: Python, Flask, HTML, CSS, Machine Learning, BERT, RoBERTa, DistilBERT, LSTM, Bi-LSTM

### AI-Chemist Website

[github.com/name/repo](#) [🔗](#)

- I Developed the the AI-Chemist website for selling chemical product. This website is fully functional and responsive website. For Front End i using HTML, CSS, JavaScript and Bootstrap. For Back End control i using the PHP. and Database using MySQL in localhost server.
- Tools Used: HTML, CSS and JavaScript, PHP,MySQL, JQuery, Bootstrap.

### Tic Toc Toe Games

[github.com/name/repo](#) [🔗](#)

- I Developed the the Tic Toc Toe Games for Practices purpose of the JavaScript languages. This game is play the interesting role for the child interest. This is a very simple project for basic JavaScript.
- Tools Used: HTML, CSS and JavaScript.

### Contact Form App

[github.com/name/repo](#) [🔗](#)

- This is a simple contact form app responsive and good interactive app.
- Tools Used: Android Studio, java and SQLite.

### Currency Converter Project

[github.com/name/repo](#) [🔗](#)

- Developed a desktop Currency Converter with globally shared and synchronized Coverter, allowing currency is defined from one to another country.
- Tools Used: HTML, CSS, JavaScript, API integration.

### Event-Management-System-Android-App

[github.com/name/repo](#) [🔗](#)

- Built a Android Application for Management our Event. Application will be notify you when the schedule time is occured.

- Tools Used: Java, Android Studio, SQLite, OOP concept.

### Quizler App

[github.com/name/repo](https://github.com/name/repo) 

- We have developed an admin user interface that empowers administrators to perform CRUD (Create, Read, Update, Delete) operations on questions. Users can select their preferred quiz categories. Our system utilizes a remote server, powered by PHP and MySQL, to manage this process.
- Tools Used: Java, Android Studio, SQLite, OOP concept, mySQL.

## Technologies

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**Languages:** Html, CSS, JavaScript, ReactJs, Java(OOP), C, PHP, Python, SQL.

**Technologies:** Flask, Microsoft SQL Server, MatLab, Google Colab, Kaggle, Apache, and Oracle Apex, MySQL, MongoDB, Wordpress, Android Studio.

## CO-Curricular Activities and Special Qualification

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- Programming
- Project Management (Academic and Professional)
- Demonstrate experience working in a cross-cultural team and environment.
- Outstanding adaptability skill
- Ability to work under deadlines
- Quick learner