

Md. Monwar Hossain

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📍 South Jhiltuli, Faridpur, Kotowali, Faridpur (Permanent)
📍 18/34 Sontek, Kajla, Jatrabari, Dhaka (Present)
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PROFILE SUMMARY

Highly skilled and motivated B.Sc. student in Computer Science with a CGPA of 3.31, proficient in a wide range of programming languages and technical tools. Experienced in developing innovative projects in Artificial Intelligence, Machine Learning, Automation and Web App. Strong interest in AI and Cyber Security, demonstrated through projects and research papers. Eager to leverage my expertise in creating cutting-edge solutions and contributing to advancements in the field. Active participant in extracurricular activities, fostering a well-rounded approach to personal and professional development.

EXPERIENCE

- ❖ **ERP COM BD LIMITED | Jr. Software Engineer** October 2023 – Present
- ✓ Worked with leading organizations in Bangladesh, including Rahim Group, Nassa Group, Bhaiya Housing, Alin Food, MEP Group, Care Nutrition, Primitek Group and Planet Group etc. to design and implement customized ERP systems.
 - ✓ Developed and maintained robust web applications using PHP and Java Spring Boot, ensuring high performance and scalability.
 - ✓ Led the implementation of ERP systems, aligning software functionality with company policies and procedures across various departments.
 - ✓ Collaborated extensively with cross-functional teams such as Accounts, Sales, Inventory, Production, LC, and HRM departments to analyze workflows, understand business policies, and translate them into efficient ERP solutions.
 - ✓ Innovated company processes by identifying inefficiencies and proposing and implementing solutions, contributing to overall operational efficiency and effectiveness.

EDUCATIONAL QUALIFICATION

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|---|----------------------------|
| ❖ B.Sc in CSE East West University, Dhaka | CGPA: 3.31 (2019 – 2023) |
| ❖ HSC Dr. Mahbubur Rahman Mollah College, Dhaka | GPA: 4.67 2018 |
| ❖ SSC Northern University Laboratory College, Dhaka | GPA: 4.89 2016 |

SKILL QUALIFICATION

Languages	: Bangla, English.
Programming Language	: PHP, Python, C, C++, Java, JavaScript, SQL.
Libraries & Frameworks	: NumPy, Pandas, Matplotlib, Scikit-learn, PyTorch, Spacy, OpenCV, TensorFlow (Keras, Estimators).
Big Data Frameworks	: Hadoop, Apache Spark (PySpark).
Web Application	: HTML, CSS, Bootstrap, JavaScript, Django, Spring Boot, Database SQL (MySQL, Oracle), MongoDB.
Stack	: MERN.
Design	: Adobe Photoshop, AutoCAD, Figma, Draw.io.
Operating System	: Windows, Ubuntu, Cloudera, Kali Linux.
Office Tools	: MS Word, MS Excel, MS PowerPoint.

PROJECTS

- ❖ **Smart Image to Text Converter using AI:** Developed a smart image to text converter using AI algorithms. Utilized computer vision techniques and machine learning models to extract text from images accurately, improving productivity in data entry.
- ❖ **Mini Virtual Assistant using Python:** Built a mini virtual assistant using Python. Implemented natural language processing (NLP) and speech recognition capabilities to perform tasks such as answering queries, setting reminders, and providing assistance.
- ❖ **Breast Cancer Prediction using Machine Learning Models:** Developed a machine learning-based model to predict breast cancer. Utilized various classification algorithms and feature selection techniques to accurately classify cancer samples, aiding in early detection.
- ❖ **Game Recommendation System (Big Data):** Designed and implemented a game recommendation system using big data techniques. Analyzed user preferences, game genres & social interactions to provide personalized game recommendations & satisfaction.

RESEARCH PAPERS

- ❖ Deep Learning-Based Soil Image Classification for Sustainable Agriculture: A Case Study on Crop Recommendation.
- ❖ Portable IoT-Based Prediction of Solar Energy Generation Using Deep Learning.
- ❖ Energy and Performance Efficient Task Scheduling in Cloud Computing. (Ongoing)
- ❖ LeukoDeepNet: A Novel Approach in Automated Identification of Leukemia Diseases in Microscopic Human Blood Cells.

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ACHIVEMENTS

- ❖ Won "Best Paper Awards" from Springer ICIDA 2024.
Link: <https://fse.ewubd.edu/computer-science-engineering/achievement-details/cse-students-won-two-best-paper-awards-springer-icida-2024>

EXTRA CURRICULAR ACTIVITIES

- ❖ Member of East-West University Computer Programming Club (EWUCoPC).
- ❖ Member of East West University Robotics (EWURC).
- ❖ Event Management.

REFERENCES

DR. AHMED WASIF REZA

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Md. Monwar Hossain
Signature