MD REZAUL HOSSAIN

Bhawal, Keraniganj, Dhaka │ 01993125429 │ rezaulhossainaryan@gmail.com
GitHub: ariyaan-0 │ LinkedIn: rezaul-hossain-ariyaan │ Portfolio: ariyaan-0.github.io

SUMMARY

Passionate about AI and software engineering, eager to work on impactful projects involving machine learning, model training, and intelligent automation and looking to contribute to real-world applications in a collaborative research environment.

EXPERIENCE

Software Engineer, Intern   Oct 2025 - Present
Integratr.ai
- Enhanced Next.js frontend for the Education CRM, improving UX and workflow efficiency.
- Developed new FastAPI backend modules for the Education CRM to extend core functionality.

Graduate Teaching Assistant   Oct 2024 - June 2025
Department of Computer Science and Engineering │ East West University
Courses/Areas: Algorithms, Data Analytics

Undergraduate Teaching Assistant   Oct 2023 - Oct 2024
Department of Computer Science and Engineering │ East West University
Courses/Areas: Algorithms and Machine Learning

Data Science Engineer, Intern   Feb 2024 - April 2024
Designers Do Futuro
- Conducted business data analysis and data visualisation to derive actionable insights.
- Created predictive models to forecast sales trends and improve busin

PROJECTS

Video Sharing Platform │ Source Code
(Backend) — Node.js, Express, MongoDB
Implemented user auth, video uploads, subscriptions, likes, comments, playlists, and watch history.

Blog Post Application │ Source Code
(Full Stack) — React, Redux, Tailwind, Appwrite
Implemented user auth, content management, file uploads and full CRUD functionality for blog posts.

PUBLICATION

Md Rezaul Hossain, Fakiha Rahman Soha, Tajkiratul Abida Ananna, Ruba Sazeda, Anisur Rahman, "Leveraging MFCC Features for Bangla Audio Emotion Classification Using a ResNet-Transformer Encoder Fusion." Artificial Intelligence & Knowledge Processing'25. │ Accepted, in press

ACADEMIC ACHIEVEMENTS

Merit Scholarship: Awarded Merit Scholarship for maintaining a CGPA above 3.90 in 2022-2023 academic year.

Medha Lalon Scholarship: Awarded the Medha Lalon scholarship for academic excellence in 2020-2021 academic year.

EDUCATION

BSc in Computer Science and Engineering   2020 - 2024
East West University   │   CGPA: 3.71/4.00
Higher Secondary Certificate   2018
Brahmanbaria Govt. College   │   CGPA: 4.67/5.00

TECH STACK

C++, Python, TypeScript, JavaScript │ TensorFlow, React.js, Express.js, Mongoose, Multer, NumPy, Pandas, Matplotlib, Seaborn │ MongoDB, PostgreSQL, Cloudinary │ Appwrite, Node.js, Tailwind CSS