Bijoy Kumar Paul

CSE Student | Aspiring Full-Stack Web Developer

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PROFESSIONAL SUMMARY

Computer Science and Engineering student at Khulna University building a strong foundation in programming and full-stack web development. Experienced in creating practical projects with the MERN stack and exploring machine learning for video-based activity recognition. Enjoys problem-solving and turning ideas into useful, working products.

EDUCATION

B.Sc. in Computer Science and Engineering 2023 – Present
Khulna University, Khulna-9208, Bangladesh

Higher Secondary Certificate (HSC), Science 2021
Narail Govt. Victoria College, Narail · GPA: 5.00 / 5.00

Secondary School Certificate (SSC), Science 2021
Sammilani Secondary School, Chalitatala, Narail · GPA: 5.00 / 5.00

PROJECTS

InterviewMate MERN Stack

- AI-assisted viva and interview preparation platform for job interviews, course vivas, internships, scholarship and admission interviews.
- Supports adaptive practice with text and voice-based interaction.
- Live: cseku-26-wpl-interviewmate-1.onrender.com

Narail Students Forum (NSF) Website MERN Stack

- Dynamic website for Narail Students Forum, Khulna University, with public information pages.
- Includes an admin panel for managing site content.

Human Activity Recognition (HAR) Python, PyTorch

- Academic machine-learning project recognizing human activities from video sequences.
- Uses a pretrained CNN for frame features and a Bi-directional Residual GRU to model temporal information.

TECHNICAL SKILLS

Frontend	HTML, CSS, JavaScript, React, Next.js
Backend and Database	Node.js, Express.js, MongoDB
Programming	C/C++, Python
Machine Learning	Machine Learning fundamentals, PyTorch
Tools	Git, GitHub, VS Code