SHIFA RIZWAN

Thikhan Basudeva Motipur, Muzaffarpur, Odisha

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Education

Centurion University of Technology and Management	**July 2022– May 2026**
Bachelor of Computer Science and Engineering	*Paralakhemundi, Odisha*

M.D.D.M College	**June 2020– May 2022**
Intermediate	*Muzaffarpur, Bihar*

R.K.S.P Academy	**June 2018– May 2019**
Matriculation	*Motipur, Bihar*

Technical Skills

Languages: Python, Basics of C++
Web Technologies: HTML, CSS, JavaScript
DataBase : MySQL
Interested Areas: Data Science, Machine Learning, IOT
Libraries: NumPy, Pandas , Matplotlib , Pytorch , Scikit, NLP

Projects

Automatic Short Answer generation using Bloom's Taxonomy | *Python, Machine Learning , Predictive Analysis*
* Utilizes Bloom's Taxonomy levels to generate questions based on cognitive skills (e.g., remembering, understanding, applying).
* Applied predictive models to analyze input data and generate relevant questions.
* Utilized machine learning algorithms to enhance the accuracy and relevance of question generation.
* Incorporated image processing techniques to analyze visual content and extract information for question creation.
* Employed video processing methods to handle video inputs, extracting key information for generating questions.

Student Record Management System/ *DBMS*
* MySQL chosen for reliability, performance, and PHP compatibility.
* Schema designed for entities with foreign key constraints..
* Normalization applied to minimize redundancy and ensure data integrity.
* HTML, CSS, JavaScript, and Bootstrap used for frontend development.

Smart Glasses For Blind / *IIOT*
* Assistive navigation using GPS and obstacle detection.
* Real-time object and text recognition with audio feedback.
* Voice-controlled interface for hands-free operation.
* Lightweight and ergonomic design for comfortable wear.
* Integration with mobile apps for extended functionalities.

Certifications

* Received Certificate of Best Poster Presentation on GIS day.
* Completion certificate of Data Structures and Algorithms from codetantra.
* Completion certificate of summer training and internship in data science using python from IIT Hyderabad.
* Completion certificate of technology job simulation from Deloitte.
* Received Certificate of participation of A Three-Day Workshop on Quantum Computing.