Fagu Kumar

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Education

Oct 2021 – Present
Bachelor of Technology, *University College of Engineering & Technology*, Hazaribagh, India
Currently pursuing a bachelor's degree in **Electronic and Communication Engineering**.

Jun 2017 – Nov 2020
Diploma, *Government Polytechnic Khutri Bokaro*, Bokaro, India
Completed **Diploma in Automobile Engineering** in 2020 with a strong score of 69.7%.

2017
Matriculation, *BRL DAV Public School*, Bokaro, India
Completed in 2017 with a score of **85.60%**.

Professional Experience

Jan 2023 – Feb 2023
Machine Learning Intern, *Pantech eLearning*
○ Acquired proficiency in utilizing NumPy and Pandas for efficient CSV file management.
○ Leveraged OpenCV to enhance image processing techniques.
○ Engineered an innovative image processing solution using OpenCV, resulting in a 40% decrease in processing time and a 25% increase in accuracy for medical diagnostic applications.

Jan 2019 – Feb 2019
Steel Authority of India Limited, *SAIL,Bokaro*
○ Capital Repair and Maintanance Department

Skills

Technical
C++, Python, HTML, CSS, JavaScript, React, MongoDB, Node.js

Design and Development
UI/UX Design Principles, Frontend Technologies, Responsive Web Design, Single Page Applications (SPA), Full Stack Development

Version Control
Git, GitHub, GitLab, Version Control Systems

Collaboration
Collaborative Team Player, Team-oriented Environment, Independent Worker, Multitasking Skills

Projects

Dec 2023
Motion Detector Alarm
○ Developed a motion detector alarm using OpenCV, imutils, and threading.
○ Implemented cutting-edge computer vision techniques for accurate motion detection.
○ Designed an alarm system to notify users in real-time when motion is detected.

Oct 2023
Netflix Clone Android
○ Netflix clone application using ReactJS and React Native.
○ Utilized TMBD API to fetch movie and TV show data.
○ Implemented a visually appealing front-end design similar to the original Netflix app.
○ Successfully replicated the core functionality of the Netflix app using only front-end technologies.

Sep 2023   **Food Advisor**
- Led a team of 3 members in the development of a health-centric website.
- Developed various pages and assigned roles to team members.
- Utilized React.js, MUI library, and Google Maps API for seamless functionality.
- Incorporated engaging Lottie animation files for enhanced user experience.