

KAPIL BASU

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PROFILE SUMMARY

A highly motivated and detail-oriented professional with experience in content quality assessment and AI-driven hand sign recognition systems. Demonstrated proficiency in Python, C/C++, HTML, JavaScript, CSS, and SQL. Strong analytical skills with expertise in Excel, PowerPoint, and Microsoft Office. Known for leadership qualities, a positive attitude, hard work, and teamwork. Career goal to leverage technical skills and analytical abilities to contribute to innovative projects in technology and content management.

EDUCATION

NETAJI SUBHASH ENGINEERING COLLEGE

Bachelor of Technology

Garia, Kolkata

Oct 2021 - Aug 2024

Major in Electronics and Communication;

Cumulative GPA: 7.5;

Relevant Coursework: Software Engineering; Operating Systems; Algorithms; Artificial Intelligence

THE NEW HORIZONS INSTITUTE OF TECHNOLOGY

Diploma

Durgapur

Aug 2018 - Sep 2021

Major in Electronics and Telecommunication;

Cumulative GPA: 7.5;

Relevant Coursework: Circuit design, PCB design; Embedded systems; Micro-controller & Microprocessor

WORK EXPERIENCE

AYKA COMMUNICATION

Human Resource Recruiter

Remote

Jun 2025 – Present

- Handled the end-to-end recruitment process including sourcing, screening, and scheduling candidates for various roles. Collaborated with hiring managers to understand job requirements and posted openings on multiple platforms. Maintained and updated candidate databases and recruitment trackers. Also assisted in conducting initial interviews and supported on-boarding and documentation processes.

TRADEX

Content Operations Intern

Remote

Apr 2024 – May 2024

- To assess and ensure the quality and compliance of content with company guidelines and standards. This role involves reviewing user-generated and internal content, correcting errors, and providing feedback to maintain a high-quality user experience.

PROJECTS

SMART ACCIDENT DETECTION SYSTEM (FINAL YEAR PROJECT)

Feb 2024

- It will help to send emergency message to the nearest police station, hospital and to the family members while the accident occurred. It's an automatic function that is set on the vehicles.

MOBILE SIGNAL DETECTOR (DIPLOMA PROJECT)

May 2019

- This device automatically detects a 3G and 2G signal while calling or doing work on internet while in a classroom. When it catches any signal, it gives an alarm to the teacher for that signal.

BLUETOOTH AMPLIFIER HOME THEATER (SELF-PROJECT)

Dec 2023

- This device is a home theater with 30 watts of speakers, and has an input voltage of 24 volts. Having functions like radio, AUX, micro SD card, Bluetooth. It has a high bass, treble and volume keys.

ADDITIONAL

Technical Skills: C, C++, Python, SQL, JavaScript, HTML/CSS;

Tools/Software: MATLAB, Multi-sim;

Hardware Skills: Circuit Design, PCB Design, Embedded Systems, Micro-controllers (e.g., Arduino, Raspberry Pi);

Languages: English, Hindi, Bengali;