Akarashak Mishra

aveshmishra51@gmail.com | +91 7304693168 | Jhusi

CAREER OBJECTIVE

I am a motivated and innovative B.Tech student specializing Electronics/Telecommunication from Institute of Engineering & Rural Technology. My skills in circuit connections, coding, and robotics,AI I aim to revolutionize firefighting with advanced technology for enhanced safety and efficiency.

WORK EXPERIENCE

Cybersecurity Analyst • Internship   Jul 2025
TATA, Virtual

GenAI Powered Data Analytics • Internship   Jul 2025
TATA, Virtual

Technology Software Development • Internship   Jul 2025
Citi, Virtual

EDUCATION

B.Tech, Electronics and Communication   2023 - 2027
Institute of Engineering and Rural Technology, Allahabad

Senior Secondary (XII), CBSE   2022
ABS INTERNATIONAL SCHOOL

Percentage: 72.00%

Secondary (X), CBSE   2020
ABS INTERNATIONAL SCHOOL

Percentage: 84.00%

PORTFOLIO

[Leetcode link ↗](#)

[Kaggle link ↗](#)

[CodeChef link ↗](#)

[HackerRank link ↗](#)

[GitHub link ↗](#)

[Portfolio link ↗](#)

PROJECTS

CALCULATOR

Jun 2025

Developed a full-featured "All-in-One Calculator Web App" using HTML, CSS, and JavaScript with a modern, responsive UI (glassmorphism, interactive cards).
Implemented multiple calculators in a single app: Normal, Scientific (991MS-level functions), Age, BMI, Currency Converter, and Unit Converter.
Integrated advanced scientific functions such as trigonometry, logarithms, exponents, factorial, powers, constants (π, e), and expression evaluation.
Designed the app with modular navigation system (home → calculators → back) ensuring seamless user experience.
Optimized for accuracy and performance with input validation, error handling, and reusable calculation functions.
Delivered a user-friendly, multi-utility productivity tool showcasing strong skills in front-end development, problem solving, and UI/UX design.

WEB SCRAPING

May 2025

Built a Python-based job scraper using Requests, BeautifulSoup, and Pandas.
Implemented pagination handling to extract job listings across multiple pages.
Collected key job details (title, company, location, skills, posting date) into a structured dataset.
Automated CSV export for analysis and future integration into dashboards or web apps

WEATHER WEBSITE

Feb 2025

Developed a fully functional weather web application using HTML, CSS, and JavaScript, integrated with WeatherAPI to fetch real-time climate data.
Implemented GPS-based geolocation to auto-detect user's location and display live weather updates dynamically.
Designed a responsive and creative UI with error handling, input-based location search, and data visualization for temperature, humidity, wind, AQI, and local time.
Applied localStorage for recent searches, ensuring better user experience and persistent data across sessions.
Deployed and tested the app on secure HTTPS/localhost environments, ensuring compatibility across desktop and mobile browsers.

AUTOMATED FIRE EXTINGUSER AND ROBOT

Dec 2024 - Jan 2025

Autonomous Fire Extinguisher Robot | IoT & Embedded Systems- Developed an automated robotic system capable of detecting and extinguishing fires.- Reduced human intervention in hazardous situations by integrating fire detection and extinguishing mechanisms.

SKILLS

- SQL
- Python

- C Programming
- Web development

- C++ Programming
- Data Structures

EXTRA CURRICULAR ACTIVITIES

- Leadership & Management Skills
  - Project Management: Planned and executed academic/technical projects from start to finish within deadlines.
  - Decision Making: Handled challenges by analyzing situations and selecting effective solutions.
  - Organizational Skills: Managed time, resources, and tasks to achieve project objectives efficiently.