Rohan Kumar Behera

📞 +91 9556889369 ✉ rohankumarbehera3004@gmail.com [in] LinkedIn [Github] Github Portfolio

Education

Institute Of Technical Education and Research, SOA, Odisha   **2022 - 2026**
B.Tech in Computer Science & Engineering   *8.99/10 CGPA till 4th sem*

Kendriya Vidyalaya Gopalpur M.S., Ganjam, Odisha   **2021 - 2022**
10+2 Intermediate (Science)   *88.3 %*

Technical Skills

Languages: Python, Java, C++, C, ,JavaScript,Bash
Backend: Django, Flask, Node.js
Frontend: HTML, CSS, Bootstrap
Clouds & Databases: AWS(EC2, EKS, ECS, S3, SNS, IAM, DynamoDB, IoT Core) Docker, Kubernetes, Jenkins, PostgreSQL, MongoDB
Hardware Technology: ESP32, Arduino, Raspberry Pi
Operating Systems : Kali Linux, Ubuntu,Windows
Developer Tools: VS Code, Jupyter Notebook, Arduino, PlatformIO, Git, GitHub

Experience

Aprameya Media Technologies : Backend Developer Intern   **Jul 2024 - present**
- Developed CAPTCHA and OTP verification systems for the web page.
- Managed and optimized backend data to ensure seamless operations.

Projects

CRIMEVISION: Crime detection using AI and anonymous crime reporting app   Source Code
- The current surveillance infrastructure focuses on traffic incidents, lacking effective crime detection capabilities.
- AI-integrated software enables real-time crime detection using existing CCTVs, alerting police and PCR vans for swift response.
- A mobile app allows for anonymous crime reporting and live streaming to police in areas without CCTVs, using cloud technology to ensure user anonymity.

ALERTIFY : An IoT device to detect earthquake waves in advance   Source Code
- Detect p-type and s-type waves using vibration sensor and micro-controller
- Display data on dashboard to analyse the sensor data.
- Send alert notification to the public using mobile application

ResQube : An IoT device automates avalanche rescue with LORAWAN technology   Source Code
- ResQube automates avalanche rescue with an advanced detector and Lorawan technology for swift communication.
- The system provides essential tools and proximity-based signal strength for precise location determination.
- Lorawan technology with microcontroller ensures rapid notification and efficient response in critical avalanche situations.

Certification

- Defronix Digital Forensics Specialist (DDFS) Certified

Awards/Achievements

- **State Award** Viswesraya Pratibha Puraskar 2023 on **Engineer's Day** in recognition of outstanding performance in the field of technology and development.
- **Winner** Trithon Triplet 2023 24 hours Hackathon
- **Runners up Innovate Odisha 2023-36 hour Hackathon** State Level Govt. based Hackathon
- **Runners up TimeHacks a 24 hour Hackathon** Solved the Problem Statement given by **Aurasure** Company
- **Winner Ideathon at IIT Bhubaneswar** in the Esummit 2024.
- **Runner Up** National Level IDEATHON held at GGV Bilaspur.