NIKITA KUMARI

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LinkedIn · Portfolio · GitHub

SKILLS

- **Programming Languages:** Python, C, JavaScript
- **Web Technologies:** HTML, CSS, React, Next.js, Tailwind CSS, MongoDB, UI/UX designing
- **AI/ML:** TensorFlow, NumPy, Pandas, Matplotlib
- **Tools:** VS Code, Google Colab, Git, GitHub, Figma
- **Soft Skills:** Leadership, Problem-Solving, Project Management, Communication

PROJECTS

Seg Map: Smart AI disaster management software | LINK   November 2024

- Developed a machine learning model in Python for semantic segmentation of satellite images, enabling precise detection of disaster-affected areas (floods, landslides, wildfires, etc.).
- Designed and implemented a responsive frontend dashboard for real-time visualization, filtering disaster types, and geospatial analysis.
- Integrated AI-driven analysis with mapping tools to enhance disaster response and management efficiency.

Waste Guard: Dumping sites management | LINK   December 2024

- Developed a model for project ideation, design, and development.
- Built backend systems and integrated ML models for waste surge prediction and illegal dumping detection.
- Developed user-friendly features for complaint tracking and real-time GPS monitoring.

Hacknovate 6.0 Official Website | LINK   March 2025

- Designed and developed the official website for ABESIT's flagship hackathon on Harry Potter theme using React, Tailwind CSS, and Next.js. Focused on responsive UI, smooth navigation.

Hackemon Official Website | LINK   April 2025

- Designed and developed the official website for Shebuilds hackathon on Pokemon theme using React, Tailwind CSS, and Next.js. Focused on responsive UI, smooth navigation.

ACHIEVEMENTS

- Smart India Hackathon'23 Winner (Ministry of Jal Sakti) | LINK
- Smart India Hackathon'24 Grand Finalist (ISRO) | LINK
- Code-A-Thon'24 Winner (Held in ABESIT) | LINK
- Certification in Google Cloud Computing Foundation & Generative AI | CERTIFICATE

POSITIONS OF RESPONSIBILITY

- **Google Developer Groups On Campus (ABESIT) Lead'24:** | SELECTION MAIL
  Organized multiple tech talks, events, and workshops to foster a tech community on campus.
- **Lead Organizer & Technical Head of Hacknovate 6.0:** | CERTIFICATE
  Led end-to-end planning, team coordination for ABESIT's 24-hour flagship hackathon.
- **Co-founder @SheBuilds** | LINKS
  A community founded in 2023 to empower women in tech and business through mentorship, tech events, and product development.

EDUCATION

Bachelor of Technology in Information Technology   Nov 2022 - 2026
ABES Institute of Technology (AKTU)   (Ongoing CGPA: 7.75)
Intermediate (12th- PCM with Python)
New Era School (CBSE)   (Percentage: 76.75%)