

Abhishek Giri

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Haridwar (249401), Uttarakhand, India

PROFESSIONAL SUMMARY

Pre-final year B.Tech student in Computer Science (AI & ML) with hands-on experience in full-stack development, IoT systems, and cloud-based solutions, focused on building scalable, high-performance, user-centric software.

EDUCATION

B.Tech in Computer Science (AI & ML)	Aug 2023 – Present
Graphic Era Hill University, Dehradun	CGPA: 7.66 / 10.0
12th, CBSE	2023
Shri Ram Vidya Mandir, Haridwar	68.2%
10th, CBSE	2021
Shri Ram Vidya Mandir, Haridwar	81.8%

INTERNSHIP EXPERIENCE

Artificial Intelligence & Cloud Technology Intern	Sep 2025 – Oct 2025
<i>AICTE – Edunet Foundation (with IBM SkillsBuild)</i>	
– Completed a 4-week AI & Cloud internship, developing ML pipelines and deploying cloud-based solutions.	
– Implemented real-world AI systems following best practices in data preprocessing, model training, and deployment.	
– Awarded Certificate of Participation (STU ID: STU67b31cee4cd261739791598).	

PROJECTS

CodeSphere – Collaborative Code Editor	Feb 2025 – May 2025
<i>React, Node.js, TypeScript, Firebase, Socket.IO, Monaco Editor, Tailwind CSS</i>	
– Built a live collaborative code editor with multi-language support (Java, Python, JavaScript, C++), whiteboard, pair programming, and review tools.	
– Delivered web + desktop support with responsive UI and VS Code-like experience.	
– Live: codesphere-dev.vercel.app	
CareConnect – IoT Smart Home System	Oct 2025 – Dec 2025
<i>ESP32, MPU6050, PIR sensors, DHT22, React, Node.js, Firebase, MediaPipe</i>	
– Developed an IoT-based smart home platform with gesture control, voice commands, fall detection, and device automation.	
– Implemented emergency alerts, caregiver dashboard, health analytics, and face recognition with mobile-first design.	
– Live: careconnect-360.vercel.app	
SATYA-DRISHTI – AI Content Moderation	Jan 2026 – Present
<i>Python, FastAPI, React, PyTorch, MongoDB, HuggingFace, OpenCV</i>	
– AI platform for NITI Aayog; 12 models, 9 languages, 87% accuracy, IPC/IT Act compliant.	
– Extracts content from Twitter, Instagram, YouTube, Reddit, TikTok, Facebook, News Sites at 95% success.	
– Live: satyadrishi-dev.vercel.app with computer vision for NSFW, violence, OCR, and meme detection.	

TECHNICAL SKILLS

Programming Languages: C++, Python, Java, C, JavaScript

Web & Backend: HTML, CSS, React.js, Node.js, Flask, REST APIs

AI/ML: AI, Machine Learning, Deep Learning, Computer Vision, NLP, TensorFlow, OpenCV

Databases: MySQL, Oracle, MongoDB

Cloud & Deployment: AWS, Firebase, Vercel, Netlify, Render, Docker

IoT & Embedded: ESP32, MPU6050, PIR sensors, DHT22

Core CS Concepts: DSA, OOP, OS, DBMS, Computer Networks, Cloud Computing

Soft Skills: Leadership, Problem Solving, Time Management, Adaptability

TRAINING & WORKSHOPS

AWS Cloud Services Training Program

Amazon Web Services, Dehradun

Mar 2025 – Apr 2025

Machine Learning Engineer Training Program

Amazon Web Services, Dehradun

Apr 2025 – May 2025

CERTIFICATIONS

Google Analytics Certification – Google Digital Academy

AWS Cloud Practitioner Essentials – Amazon Web Services

OCI AI Foundations Associate – Oracle

ACHIEVEMENTS

Finalist among top teams in SAARTHI '25 national-level IoT hackathon.

Prototype finalist at MariTHON inter-college hackathon.

Global Rank 234 in Amazon ML Challenge 2025.

Solved 250+ problems on LeetCode demonstrating strong DSA skills.