Abhishek Giri

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EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks(%)
Aug, 2023 - Present	B.TECH in Computer Science	Graphic Era Hill University , Dehradun	7.66/10.0
2023	12th, C.B.S.E	Shri Ram Vidya Mandir , Haridwar	68.20 %
2021	10th, C.B.S.E	Shri Ram Vidya Mandir , Haridwar	81.83 %

PROJECTS

- **Algovista – DSA Visualization Platform** *Mar 2025 – May 2025*
  Developed an interactive platform to visualize **Sorting, Searching, Graph, DP, Branch & Bound, and String Algorithms**. Implemented using **HTML, CSS, JavaScript, React.js, and Node.js**, with real-time execution, 3D visualizations, and complexity analysis. Added a *"Learn More"* module that provides conceptual explanations alongside interactive demos.

- **Codesphere – Collaborative Code Editor** *Feb 2025 – May 2025*
  Built a real-time collaborative code editor in **Java and JavaFX** supporting synchronized multi-user editing. Integrated features like live code execution, debugging tools, and logic visualization. Applied **event-driven programming, concurrency, and modular design** to ensure scalability and smooth collaboration.

- **SOF Extractor – Laytime Intelligence Platform** *Aug 2025 – Sep 2025*
  Designed an AI-powered maritime intelligence system for automated **Statement of Facts (SOF) document processing**. Tech stack: **React (frontend), FastAPI (backend), OCR (Tesseract, pdfplumber), Camelot/Tabula for tables**. Delivered key features including **drag-and-drop uploads, interactive dashboards, event validation, and structured JSON/CSV exports**.

TECHNICAL & SOFT SKILLS

- **Programming Languages : C++**, **Python**, **Java**, **C**, **HTML**, **CSS**, **Javascript**, **SQL**
- **Machine Learning & AI Libraries :** TensorFlow, Keras, Scikit-learn, OpenCV, DeepFace, Pandas, NumPy, Matplotlib, Seaborn
- **Concepts Skills :** Machine Learning, Deep Learning, NLP, Data Structures, Algorithms, OOP, DBMS, Cloud Computing
- **Tools & Platforms :** Amazon Web Services (AWS), Jupyter Notebooks, GitHub, VS Code, PyCharm, MySQL
- **Soft Skills :** Team Leadership, Self-Motivated, Problem Solving, Time Management , Adaptability

TRAINING & WORKSHOPS

- **Amazon Web Services, Dehradun** *Mar 2025 – Apr 2025*
  AWS Cloud Services Training Program
  Attended hands-on sessions covering core AWS services, deployment, and cloud infrastructure.

- **Amazon Web Services, Dehradun** *Apr 2025 – May 2025*
  Machine Learning Engineer Training Program
  Focused on supervised and unsupervised learning, model deployment, and AWS ML tools.

CERTIFICATIONS

- **Google Analytics Certification** – Google Digital Academy (Skillshop) *23, July, 2025 - 30, July, 2025*
- **AWS Cloud Practitioner Essentials** – Amazon Web Services(AWS) *8, March, 2025 - 16, March, 2025*
- **Oracle Cloud Infrastructure Certified AI Foundations Associate** – Oracle *25, July, 2025 - 01, August, 2025*