

ANANYA MOHANTY

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SKILLS

- **Languages:** C++, JavaScript, Java, Python
- **Frameworks:** HTML, CSS, Bootstrap, NodeJS, React
- **Additional skills:** API Integration, Version Control (Git), Embedded C, Cloud Deployment (Render, Vercel)
- **Soft Skills:** Problem-Solving Skills, Project Management

TRAINING

DATA STRUCTURE AND ALGORITHMS (Self-Paced) GeeksForGeeks

July 2023

- Completed a six-week course focused on solving, implementing, and analyzing data structures.
- Programming Language: JAVA
- Practiced coding problems on platforms such as GeeksForGeeks and LeetCode.

PROJECTS

Angel.AI: GitHub Repository: <https://github.com/ananyamohanty027/Angel.AI>

Sep 2024

- Developed a voice-activated virtual assistant using Python for natural voice interactions.
- Enabled features for taking screenshots and opening applications through voice commands.
- Integrated voice recognition system, enabling execution of 15+ commands (Google search, weather updates, screenshots, app launches), improving task efficiency by 40% compared to manual operations.

Technologies Used: Python, SpeechRecognition, pyttsx3, Wikipedia API, OpenWeatherMap API, OpenCV, PyAutoGUI, Tkinter

Weather Wave: GitHub Repository: <https://github.com/ananyamohanty027/WeatherWave>

Sep 2024

- Built weather app serving 1,000+ cities using OpenWeatherMap API; added voice search feature that reduced search time by ~60% for users compared to manual input.
- Designed mobile-first, responsive UI with HTML, CSS, and JavaScript, ensuring seamless user experience across devices.
- Implemented error-handling and fallback mechanisms to ensure 99% uptime and reliable weather data retrieval from the OpenWeatherMap API.

Technologies Used: JavaScript, HTML, CSS, OpenWeatherMap API

Telus Institute: Deployed Application: www.telusinstitute.com

Aug 2024

- Developed and deployed production-grade Full Stack website for an educational institute, hosting 200+ courses and 15+ instructor profiles; implemented automated certificate verification, reducing admin workload by 70%.
- Designed a responsive UI with a dynamic chat widget, real-time validated contact form,
- Mobile-friendly navigation. Added advanced features like course filtering, instructor profiles, and a blog,

Technologies Used: HTML, Bootstrap, Express.js, MongoDB, ReactJS, RESTapi

Deployed projects using Git and Agile workflows, leveraging version control systems and cloud deployment tools (Render/Vercel).

CERTIFICATES

- JavaScript Algorithms and Data Structures – freeCodeCamp Sep 2024
- Complete Interview Preparation - Self-Paced (C++) by GeeksForGeeks. Jul 2023
- React Js - Coursera May 2023
- Database and management systems - Great Learning Nov 2022

ACHIEVEMENTS

- Achieved 4-Star rating in Java on Hackerrank by solving 80+ algorithmic and object-oriented programming challenges.
- Secured 4-Star rating in C++ on Hackerrank through consistent practice in data structures, algorithms.
- Solved 250+ coding challenges across GeeksforGeeks & LeetCode, strengthening problem-solving and algorithmic skills.
- Graduated with a CGPA of 7.23 in B.Tech (Computer Science and Engineering).

EDUCATION

• Lovely Professional University

Bachelor of Technology - Computer Science and Engineering; **CGPA: 7.23**

Punjab, India

Sept. 2021 – Jul 2025

• Kendriya Vidyalaya No. 2

Intermediate; **Percentage: 79%**

Delhi Cantt, New Delhi

April 2020 – Feb 2021

• Kendriya Vidyalaya No. 2

Matriculation; **Percentage: 88.4%**

Delhi Cantt, New Delhi

April 2018 – Feb 2019