

Mrudula Gharat

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Experience

May 2025 - Jul 2025

Frontend Web Development Intern

CODTECH IT SOLUTIONS

- Developed an interactive Quiz App using JavaScript with dynamic question loading and real-time feedback.
- Built a responsive Real-Time Chat App using React.js and WebSockets with clean UI and message history.
- Designed a Personal Portfolio Website with HTML/CSS for showcasing skills and projects.
- Created a multi-page E-learning UI with course listings, video embedding, and progress tracking.
- Used: HTML, CSS, JavaScript, Node.js, Git, GitHub.
- Emphasized clean code, responsive design, and version control.

Education

2021 - 2022

David English Medium School

10th • High School

2023 - 2024

RCF School And Junior College

12th • Intermediate

2021 - 2022

Universal Ai University

B.Tech Computer Science(AI & ML} • First Year Undergraduate

Certification

C programming

[Certificate Link](#)

Date of Completion: 25th November 2024

- Successfully completed all lessons and hands-on projects in C programming.
- Gained strong foundational knowledge in programming concepts such as loops, arrays, pointers, and memory management.
- Developed problem-solving skills and improved coding efficiency using the C language.

Deep Dive into R Programming

[Certificate Link](#)

Date of Participation: 2nd – 3rd January 2025

- Actively participated in an intensive hands-on workshop focused on R programming concepts, data analysis, and real-world applications.
- Gained practical exposure to data manipulation, visualization, and statistical computing using R.
- Demonstrated active engagement and enthusiasm throughout the workshop sessions.

edX Verified Certificate for Sustainable Development: The Post-Capitalist Order

[Certificate Link](#)

Issued: January 15, 2025

- Completed a verified online course focused on sustainable development frameworks and the emerging post-capitalist global order.
- Explored key concepts around global governance, climate change, inclusive economic systems, and the UN Sustainable Development Goals (SDGs).
- Instructor: Prof. Jeffrey Sachs, Columbia University

edX Verified Certificate for Climate Change: Carbon Capture and Storage

[Certificate Link](#)

Issued: February 28, 2025

- Successfully completed an in-depth course on the science and technology behind carbon capture and storage (CCS) as a climate change mitigation strategy.
- Covered key topics such as geological CO₂ storage, energy transition technologies, and global CCS implementation.
- Offered by the University of Edinburgh in collaboration with the University of Sheffield.

Certificate of Appreciation for AI Odyssey 1.0 2025

[Certificate Link](#)

Issued: March 7, 2025

- Recognized for outstanding efforts in organizing and managing AI Odyssey 1.0, a flagship tech event hosted by Universal AI & Future Technologies School.
- Contributed to event planning, coordination, and seamless execution, demonstrating strong leadership, teamwork, and time-management skills.
- Worked under the mentorship of esteemed faculty and played a key role in ensuring the event's success.

AI Tools and ChatGPT Workshop — be10x

[Certificate Link](#)

Issued: November 17th, 2024

- Created engaging presentations using AI in under 5 minutes
- Analyzed data using AI tools in under 30 minutes
- Coded and debugged applications using AI in under 10 minutes

Skyscanner - Front-End Software Engineering Job Simulation

[Certificate Link](#)

Issued: April 19th, 2025

- Built a responsive Backpack React web app from scratch
- Applied front-end principles to simulate real-world engineering tasks
- Practiced component-based development and UI logic with React

Mastercard - Cybersecurity Job Simulation

[Certificate Link](#)

Issued: April 19th, 2025

- Designed phishing email simulation to test organizational security awareness
- Analyzed and interpreted phishing simulation results for threat insights
- Applied real-world cybersecurity concepts in a virtual workplace setting

Skills

- C (Programming Language)
 - Data Analysis
 - R (Programming Language)
 - Statistical Computing
 - HTML5
- Cascading Style Sheets (CSS)
 - Responsive Web Design
 - JavaScript
 - React.js

Projects

CodeMentorAi

🔗 [Project Link](#)

Built a full-stack platform that analyzes Python code using Pylint and Gemini AI, scores it with a custom DevScore, and provides coaching via real-time feedback. Designed intuitive UI with React & Tailwind; implemented backend in Flask with WebSocket integration for dynamic updates.

Achievements

Academic Achievements

- Organizer & Graphic Designer at *AI Odyssey (Universal AI University)* – Led event marketing and created promotional content.
- Certified in Climate Change: Carbon Capture and Storage – Completed course by *EdinburghX (edX)*.
- Verified Certificate in Sustainable Development – Awarded by *SDG AcademyX (edX)*.
- Currently pursuing B.Tech in AI & ML – Focused on innovation through data and algorithms.

Technical Achievements

- CodeMentorAI – AI Hackathon Project.

Developed during the *Code Craft AI x Dev Hackathon* by [Lablab.ai](#), *CodeMentorAI* is an AI-driven Python code review platform. It offers real-time analysis, scoring (DevScore), and coaching using Pylint, Novita API, React.js, Flask, and WebSocket integration for a smooth user experience.