

Himani Chaudhary

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EDUCATION

Indian Institute of Information Technology Guwahati
B. TECH in Electronics and Communication Engineering
12th Boards (D.A.V. Public School Gandhinagar, Ranchi)
10th Boards (D.A.V. Public School Gandhinagar, Ranchi)

Expected Graduation, June 2026
Present
Percentage: 91.8%
Percentage: 93.6%

SKILLS

Languages: C, C++, Java, Python, JavaScript, MATLAB
CS Fundamentals: Data Structures & Algorithms, Operating Systems, DBMS, OOP, CN
Web Technologies: Node.js, React.js, Express.js, Redux, HTML, CSS, WebSocket, PHP
Tools: Git, GitHub, Docker, GitHub Actions, VS Code, IntelliJ, Bootstrap, TensorFlow, Flask
Other: Problem-Solving, Debugging, System Design Basics, Distributed Systems (beginner)

PROFILE SUMMARY

Aspiring Software Development Engineer with hands-on experience building distributed, scalable, and real-time applications. Strong foundation in algorithms, object-oriented programming, and full-stack development. Experienced with cloud-based workflows, CI/CD pipelines, and AI-powered systems. Passionate about solving customer-focused problems, writing clean code, and learning at scale.

PROJECTS

<u>Real-Time Collaborative Code Editor using JavaScript, Node.js & WebSocket</u>	Present
Tools: JavaScript, Node.js, Express.js, WebSocket (Socket.io) , React.js, HTML, CSS, GitHub	
<ul style="list-style-type: none">Built a distributed real-time editor enabling multiple users to collaborate with low latency.Designed WebSocket-based communication channels for synchronized state updates.Implemented modular React frontend for fast rendering and real-time event handling.Scalable architecture capable of supporting concurrent active sessions.	
⌚ Live: https://realtime-code-editor-6mi7.onrender.com	
<u>PR-Agent: Your AI Partner for Smarter Pull Request Reviews & Suggestions</u>	June2025-Aug2025
Tools: Docker, CLI, GitHub Actions, webhooks, Docker, AI tools (Open AI), HTML, CSS, JavaScript, react, node	
<ul style="list-style-type: none">Developed an AI-assisted tool that reviews PRs, generates summaries, and suggests improvements.Integrated with CI/CD pipelines using GitHub Actions for automated PR processing.Supports multiple LLM models (OpenAI, Claude, Gemini) and multi-platform git workflows.Improved developer efficiency by reducing manual code-review time.	

Quiz Game App

Feb2025-Apr2025

Tools: React.js, Bootstrap, Node.js, Redux, HTML5, CSS, JavaScript, NumPy

- Built an interactive quiz platform with score analytics and instant feedback.
- Designed responsive UI for multi-device support and seamless UX.
- Implemented state management with Redux for user sessions and scoring.

Text-to-Image Converter

Nov2024-Dec2024

Tools: Python, TensorFlow, OpenAI's DALL·E, PIL (Pillow) for image processing, Flask, NumPy

- Built a system converting natural language text into AI-generated images.
- Implemented Flask backend with a user-friendly interface for upload/display.
- Supports multiple resolutions and generation styles for flexible outputs.

CERTIFICATIONS

Web development internship certificate, Dev Club, IIT Delhi, Unstop,
ICPC Algo Queen - The Girls Programming Cup 2025
VLSI Test Workshop, IIIT Guwahati & IEEE Computer Society, TTTC India