

Himanish Midha

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SKILLS

- **Languages:** C, C++, Python
- **Technologies:** HTML, CSS, Tailwind CSS, Vercel Design MD
- **Databases/Tools** PostgreSQL, Git, GitHub, Figma
- **SoftSkills:** Problem solving, Team collaboration, Time management, Adaptability

PROJECTS

Interactive Text Reader Platform | [TextReader](#)

May 2025 - July 2026

- Architected a high-performance interactive text reader using Tailwind CSS and Vercel design principles, reliably serving 100–200 concurrent users with ultra-low latency and minimal error rates.
- Integrated browser-native speech synthesis and embedded AI to generate instant audio playback while accurately summarizing and condensing long-form documents.
- Engineered three distinct reading and focus modes specifically tailored to support neurodiverse individuals, including users with ADHD and dyslexia who struggle with task retention.
- Implemented client-side data encapsulation to ensure zero cloud data egress, delivering a completely private, registration-free reading tool where user data never leaves the browser.

TechStack: Tailwind CSS, HTML, Node.js, Javascript , Vercel Design Md

Smart Sewage Management System | [GitHub](#)

June 2026 - July 2025

- Developed an intelligent sewage monitor tracking water levels, blockages, and hazardous gas emissions in real time.
- Interfaced embedded hardware to transmit continuous sensor telemetry directly to a centralized dashboard.
- Programmed automated alert protocols using Blynkk platform to instantly dispatch warnings for impending overflows, hazardous gas spikes, and biological intrusions, drastically reducing manual inspection needs.
- Utilized real-time data analytics to optimize urban sanitation workflows, avert localized flooding, and maintain stringent public health safety standards.

Mindbending Online Cryptogram | [GitHub](#) | [Cryptogram](#)

Jul 2026 - Aug 2025

- Created an online cryptogram platform to stimulate neuroplasticity and boost complex neural processing.
- Compiled 1,000+ contextual flashcards across 4+ languages to accelerate vocabulary retention and learning efficiency.
- Integrated interactive word and rhyming puzzles to strengthen cognitive networks and improve language processing.
- Constructed dynamic adaptive difficulty logic to challenge cognitive recall and track user problem-solving progress.

TechStack: Python, HTML, CSS, JavaScript, Vercel WebGuidlines Standard

TRAINING

Infosys-Springboard | [Certificate](#)

Feb 2026 - Mar 2026

Introduction of Artificial Intelligence

- Learned how AI serves as the broad umbrella covering Machine Learning and Deep Learning, moving from narrow task-specific models to general intelligence.
- Explored how systems find patterns and make decisions through statistical optimization rather than explicit, hardcoded rules.
- Gained an overview of primary branches like Natural Language Processing, Computer Vision, and autonomous systems.
- Examined critical challenges in modern AI, focusing on algorithmic bias, data privacy, and model transparency.

CERTIFICATES

- | | |
|---|-----------|
| • Fundamentals of Machine Learning Saylor | Feb 2026 |
| • Healthy Habits of Healthy Life Edutech Hub | Oct 2025 |
| • Health-Related Community Service for Underprivileged People Ngo | July 2026 |

ACHIEVEMENTS

- Solved more than **60** programming problems on online coding platforms like w3resource during regular practice and learning.
- Participated in a college hackathon with an innovative Integrated circuits and smart automations prototype.

EDUCATION

- | | | |
|---|-------------------|---|
| • LovelyProfessional University
<i>Bachelor of Technology - Computer Science and Engineering;</i> | CGPA: 8.33 | <i>Phagwara, Punjab</i>
Aug 2025 - Present |
| • Lawrence International School
<i>Higher Secondary Education; Percentage: 72.2%</i> | | <i>Jalandhar, Punjab</i>
May 2023 - Mar 2024 |
| • Lawrence International School
<i>Secondary Education; Percentage: 77.2%</i> | | <i>Jalandhar, Punjab</i>
Jun2021 - Mar2022 |