

# Manas Verma

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## PROFILE

Technology graduate with hands-on experience in software development building full-stack and system-level projects using JavaScript, and C++. Strong foundation in backend development, APIs, databases, and problem-solving, with a focus on writing clean, scalable, and maintainable code.

## EDUCATION

Graphic Era Hill University

Bhimtal, Uttarakhand, India

**Bachelor of Technology** in Computer Science Engineering | CGPA: 7.03

Expected July 2026

## SKILLS

**Languages:** C, Python, JavaScript

**Frontend:** HTML, CSS, React, Tailwind CSS

**Backend:** Node.js, Express.js, REST APIs, MongoDB

**Tools:** VS Code, Git, GitHub, Postman

## EXPERIENCE

WeCode Club

Graphic Era Hill University

**Mentor**

September 2023 – August 2024

- Mentored 400+ students by delivering structured technical guidance, improving learning outcomes through practical demonstrations and problem-solving sessions.

## PROJECTS

**Propel** - (React 19, Node.js, Express, MongoDB, Google Gemini API, Razorpay) ([URL](#))

December 2025 – Present

- Built an AI-powered SaaS platform using React and Node.js, supporting text and image generation through Google Gemini API.
- Implemented Razorpay-based credit and subscription system, enabling secure payment workflows and automated billing.
- Designed RESTful APIs and optimized MongoDB queries to ensure efficient data storage and retrieval.

**TorrentMe** - (C++, TCP, SHA-1, CLI, VS Code) ([URL](#))

January 2024 – April 2024

- Created a C++ peer-to-peer file sharing system with socket communication and custom tracking protocols.
- To guarantee file integrity, huge files were divided into hashed portions and multi-threaded peer synchronization was debugged.
- Deployed the project with CLI interface, verified successful downloads, and redesigned network transfer reliability.

**Transpiler** - (Python, JavaScript, AST, Node.js, CLI, VS Code) ([URL](#))

March 2023 – May 2023

- Designed and implemented a unique transpiler that converts JavaScript to equivalent Python code.
- Created a recursive parsing logic in Python to interpret and standardize expressions, functions and control structures.
- Automated the code translation process, which improved cross-language compatibility and reduced manual rewriting.

## CERTIFICATIONS

- Complete AWS Cloud Practitioner Training - CLF-C02
- The Complete Full-Stack Web Development Bootcamp.