

# Neelmani Chourasia

Bachelor of Technology  
Computer Science Engineering

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## EDUCATION

### • Galgotias College of Engineering and Technology

B. Tech. in Computer Science Engineering

2021-2025

CGPA: 7.2

### • Delhi Public Convent School, BALLIA UP

(Intermediate) Council for Indian School Certificate Examinations

2020

Percentage: 80.4

### • Naga Ji Saraswati Vidya Mandir, BALLIA UP

(High School) Council for Indian School Certificate Examinations

2018

Percentage: 96.0

## PROJECTS

### • Algo-Path-Visualiser

Algo-Path-Visualiser |  Live

Developed a responsive web application for ordering food of your choice

- Implemented 4+ pathfinding algorithms (Dijkstra's, A\*, BFS, DFS, Greedy Best-first Search) in a web-based app.
- Built with React, utilizing HTML5, CSS3, and JavaScript for a seamless user experience.
- Successfully integrated a Recursive Division Maze Generation algorithm, generating complex mazes with varying levels of difficulty, showcasing proficiency in algorithm design and complexity management.

### • Neo Knowledge Vault

Neo Knowledge Vault |  Live

Developed a Telegram-Bot for sharing Books/Music/Documentaries in the public domain.

- Developed a fully functional Telegram bot using Python (python-telegram-bot library) to manage media sharing, user engagement, and admin operations.
- Implemented user tracking system with auto-registration, interaction logging, and favorites management to enhance personalized experiences.
- Built admin tools including media upload, batch processing, shareable links, and broadcast messaging for efficient content moderation and distribution.

### • College Website Clone – aktu.ac.in

College Website Clone – aktu.ac.in |  GitHub

Created a responsive and informative clone of the official AKTU.

- Created a responsive and informative clone of the official AKTU (Dr. A.P.J. Abdul Kalam Technical University) website using HTML, CSS, and JavaScript, aiming to emulate institutional content such as admissions, faculty directory, and student portals.
- Structured key sections including a homepage with news updates, admission guidelines, course listings, faculty/staff directory, event calendar, and contact/location integration for an authentic user experience.
- Designed for clarity and user-friendliness, the site organizes academic and administrative information effectively, suitable for both students and visitors.

## TECHNICAL SKILLS AND INTERESTS

**Languages:** C, C++, Python.

**Web Development:** HTML, CSS, JavaScript, React JS, NodeJS.

**Developer Tools:** Git/GitHub, Visual Studio Code, Eclipse.

**Coursework:** OOPs, OS, DBMS, CN.

**Areas of Interest:** Web Development, Data Structures and Algorithms.

**Soft Skills:** Team Work, Confident and Determined, Effective communication, Creative Thinking

## ACHIEVEMENTS

**Outlier (Scaler AI) – AI Training Contributor:** Contributed to improving AI models in coding, mathematics, and physics by providing high-quality prompts, problem-solving guidance, and feedback.