

Siddhi Kandpal

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EDUCATION

Graphic Era Hill University, Bhimtal	8.2	June 2026
Intermediate, Shiksha Bharati Senior Secondary School	70.16%	May 2022
High School, Shiksha Bharati Senior Secondary School	80.83%	May 2020

PROJECTS

Saraswati	February 2025 - Present
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- **Developed** “Saraswati,” an **advanced online assessment platform** streamlining quiz creation, management, and administration for educational institutions.
- **Implemented intelligent question categorization, automated grading, and real-time analytics**, improving assessment efficiency and accuracy.
- **Optimized performance and scalability** by architecting a robust backend with Django, PostgreSQL, and MongoDB, ensuring seamless handling of large-scale student evaluations.
- **Integrated secure database management and real-time reporting**, facilitating **data-driven decision-making** for institutions.

Emergency Response Optimization System	January 2025 – February 2025
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- **Developed an AI-powered triage system** utilizing machine learning algorithms, **automating patient prioritization and reducing processing time by 40% in simulations**.
- **Implemented a linear programming model** to optimize the allocation of critical hospital resources, including beds, ambulances, and staff, enhancing operational efficiency.
- **Enhanced triage classification accuracy** through automated decision support, improving patient safety and prioritization efficiency.

Timetable Automation System	November 2024
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- **Developed a timetable automation system** leveraging genetic algorithms to optimize scheduling efficiency and streamline manual processes.
- **Designed and implemented a robust backend** using Django, integrating both SQL (PostgreSQL) and NoSQL (MongoDB) databases for efficient data management.
- **Enhanced scheduling protocols** to minimize conflicts and improve overall productivity, ensuring seamless timetable generation.

SKILLS

Web-Technologies: HTML, CSS, JavaScript, React.JS, Angular, Node.JS, Express.js ,Docker

Programming Language: Python, Java, C/C++, HTML, CSS, JavaScript

Database Management: MySQL, PostgreSQL ,MongoDB

Version Control: Git, GitHub

Soft-Skills: Problem Solving, Teamwork , Adaptability

PROFESSIONAL ACHIEVEMENTS/ INSIGHTS

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- **Amazon Hackathon 2025 Finalist** – Among **76 selected** out of **58K+ participants** across India.
 - **Top 30 in Coding Hackathon** – Placed **8th** among **400+ participants** in TrustingBrains Hackathon,
 - **LeetCode Achievements** – Solved **450+ challenges**, ranked **top 21% globally**
 - **Member, NSS (Oct 2022–Mar 2024)** – Organized campus events and coordinated social service initiatives.
 - Participated in more than 15 contests and solved 500+ problems on LeetCode.

DECLARATION

I hereby declare that all the above mentioned information is true and correct to the best of my knowledge.