

# LAXIKA NEGI

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## EDUCATION

<b>Banasthali Vidyapith</b> B.Tech (Information Technology)	(2021 – 2025) <b>9.49 CGPA</b>
<b>Maa Bharti School</b> Senior Secondary Education (CBSE)	(2019 – 2021) <b>90.8 %</b>
<b>Lions English School</b> Secondary Education (CBSE)	(2011 – 2019) <b>94.2 %</b>

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## LANGUAGE

English (Intermediate)

Hindi (Native)

French (Beginner)

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## TECHNICAL SKILLS

**Languages:** C, C++, Python, HTML, CSS, JS, SQL, Java, Linux (Basic)

**Office applications:** MS Word, MS PowerPoint

**Other knowledge:** DBMS, OOP

**Other skills:** Leadership, Creative, Goal-oriented, self-motivated

**Developer tools:** Visual Studio Code, Jupyter Notebook, NetBeans, Putty

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## PROJECTS

**Algorithm Visualizer** | HTML, CSS, JS, Tomcat

- *Algorithm visualizer is a website with user and admin login where both the categories will have their own functionality.*
- *This website is designed in a user-friendly way so that new learners can start with simple algorithms (Linear and Binary Search, Insertion, Selection, Bubble and Heap Sort) as well as complex algorithms (Best First search, Breadth First Search, Dijkstra and N-queens) along with random and user defined inputs.*
- *Admin has the functionality to alter the content of each algorithm and keep a track of the number of users visualizing each algorithm.*

**Merit List Management System** | Java and MySQL

- *Developed a merit list management system using NetBeans where authorized user(admin) is allowed to enter the data in the database and takes data from the database and manage the merit list accordingly and generate top three performers.*
- *The data is preserved in a MySQL Database and can be updated or deleted as and when required.*
- *Useful for different educational institutes for maintaining a secure record of the academics.*

**Snake Game** | Python

- *Developed a fun snake game with interactive colors which can be played on desktop with the controlling keys (such as up, down, right, left) with the help of python libraries such as pandas, NumPy and time.*

**Portfolio** | HTML, CSS and JS

- *Developed a website to describe myself.*
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## EXPERIENCE

**National Service Scheme**

Aug 2021 – May 2023 *Member*

- Worked on plantation and helping poor children.