

# AKHAND PRATAP SINGH

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EDUCATION			
Course	Year	University/School	Percentage/CGPA
B.Tech. – Electronics and communication Engineering	2021-2025	Samrat Ashok Technological Institute Vidisha, MP	6.5 CGPA
Class XII (CBSE)	2021	ST. Joseph Convent School Sagar, MP	72%
Class X (CBSE)	2019	ST. Joseph Convent School Sagar, MP	62%

## WORK EXPERIENCE

**Front-End Developer Intern** (*Web Developer*) ( Sept 2022 )

SkillUP by Simplilearn.

- Collaborated on various feature enhancements while optimizing codebase for increased code reusability and maintainability.
- Several npm packages were selectively installed to maximize coding productivity, which led to a 50% decrease in development time.
- **Technologies Using:** Html, CSS, JavaScript, Tailwind CSS

## PROJECTS

**PhotoMaker** | [GitHub](#) | [Simulate](#) and **Simon Game** | [GitHub](#) | [Simulate](#) (August 2024 – October 2024)

- Designed a completely responsive online photo editing platform with essential functions like brightness, saturation, negative, rotation, flip, and many more.
- Simon is a well-known game that tests your focus and memory. Four colored buttons—yellow, blue, green, and red—that light up and make noises in a predetermined order make up the game.
- **Tech Stack:** JavaScript, CSS, HTML

**Sorting Visualizer** | [GitHub](#) | [Simulate](#) and **Path Finder** | [GitHub](#) | [Simulate](#) (June 2024 – July 2024)

- Proficiently implemented 5 fundamental sorting algorithms such as bubble sort, insertion sort, selection sort, merge sort and quick sort providing users with an interactive platform to observe the nuances of these algorithms in action.
- Integrated Dijkstra's and Prim's Algorithms, 2 paramount graph algorithms widely recognized for optimal pathfinding and MST cost calculation, featuring expertise in algorithm execution, data structure utilization, & web interaction.
- **Tech Stack:** HTML, CSS, JavaScript

## SKILLS

- **Programming:** Java, MySQL, HTML, CSS, JavaScript.
- **Technologies:** React.js, Node.js, Express.js, MongoDB, jQuery, Material-UI, Tailwind CSS, Google Cloud Functions, Git.
- **CS Coursework:** Data Structures & Algorithms, OOPS, Github.

## ACHIEVEMENTS AND EXTRA-CURRICULUR ACTIVITIES

- Participated in **Kriyeta 2.0 Hackathon** held in Indore, Madhya Pradesh.
- Conquered 100+ coding problems on various coding platforms. | [GeeksForGeeks](#) | [Leetcode](#)
- As an Intern Trainee for vocational training, I work at BHEL.
- In 2023 and 2024, I received a goodie from Google Cloud Skills Program for being in Tier 1.