

Prakhar Singh

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Education

B.Tech in Computer Science Engineering	<i>KIIT, Bhubaneswar</i>	2022–Present
12th Grade (CBSE) - 76%	<i>Munam Public School, Hazaribagh</i>	2021–22
10th Grade (CBSE) - 86.5%	<i>Holy Cross School, Hazaribagh</i>	2019–20

Technical Skills

Languages:	C++, JavaScript, Python, HTML5, CSS3
Frameworks:	React.js, Bootstrap, Node.js (Basic)
Tools/Platforms:	Git, GitHub, VS Code, Postman, Chrome DevTools
Databases:	MySQL, Firebase, MongoDB (Basic)
Concepts:	Data Structures, Algorithms, OOP, REST APIs, DBMS, Operating Systems

Experience

Software Engineering Intern	<i>CodSoft</i>	Jun 2023 – Aug 2023
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- Designed and implemented responsive UI components using HTML, CSS, and JavaScript
- Developed modular, scalable codebases with Git version control and Agile practices
- Participated in weekly code reviews, enhancing code quality and collaboration

Projects

Navigation to Mars Rover



- Created a React.js web simulator to guide rovers on grid terrain with pathfinding algorithms
- Implemented A*, Dijkstra's, BFS, DFS for autonomous navigation and obstacle avoidance
- Boosted visualization UX with real-time animation and grid layout logic

Event Management Web App



- Built full-featured app with event creation, registration, and RSVP using React
- Integrated Bootstrap and localStorage for seamless user interaction and persistence

Mini Projects Portfolio (20+)



- Developed diverse tools: calculator, to-do list, weather app, portfolio site
- Applied responsive design, reusable components, and accessibility best practices

Achievements

Ideathon First Round Qualifier – KIIT	2024
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- Qualified with a tech solution focused on route optimization

Top Contributor – GitHub Mini Projects	2023
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- Reached 50+ stars across personal projects for innovation and UI excellence

Certifications

- Full-Stack Web Development – Udemy 2025
- Python Programming for Beginners – Udemy 2024
- Placement Readiness Program – Abhyuday, IIT Bombay 2023

Extracurricular Activities

Youth Red Cross Member – KIIT Bhubaneswar

Aug 2024 – Present

- Led street play (Nukkad Natak) awareness drives on public health
- Coordinated campus-wide blood donation and first-aid events

Tech Fests & Public Speaking

- Speaker in annual college tech fest, presenter in AI/ML-themed student events
- Participated in inter-college debates and coding hackathons

Soft Skills

- Excellent Verbal and Written Communication | Leadership | Team Collaboration
- Analytical Thinking | Adaptability | Time Management
- Languages Known: English | Hindi