

# Sakshi

## Frontend Developer

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-sakshi-jha-

### Professional Summary

Creative Frontend Developer with a strong foundation in building responsive, user-centric web applications[cite: 53, 54]. Proficient in React.js, JavaScript (ES6+), and HTML5/CSS3, with a focus on UI performance optimization and accessible design[cite: 57]. Demonstrated success in achieving high Lighthouse scores and improving user retention through intuitive interface design. Seeking to leverage skills in component-based architecture and state management to deliver exceptional digital experiences

### Technical Skills

|                        |   |
|------------------------|---|
| <b>Frontend Core</b>   | JavaScript (ES6+), HTML5, CSS3, React.js, Redux, Context API  |
| <b>UI &amp; Design</b> | Responsive Design, Figma (UI/UX), CSS Grid/Flexbox, Bootstrap |
| <b>Performance</b>     | Lighthouse Testing, Web Vitals, Asset Optimization, SEO       |
| <b>Tools</b>           | Git, GitHub, VS Code, Docker, Chrome DevTools, NGINX          |

### Education

|           |  |
|-----------|--|
| 2022–2026 | <b>Bachelor of Engineering in Computer Science (Specialisation in DevOps)</b> , Chandigarh University, CGPA: 8.21<br>Relevant Coursework: Object Oriented Programming, DBMS, Operating Systems, Computer Networks. |
| 2021      | <b>Intermediate (Class XII)</b> , Kendriya Vidyalaya AFS Thane Kolshet, 90%  |

### Technical Experience

|                      |  |
|----------------------|--|
| July 2025 – Present  | <b>Lead Developer</b> , <i>DevOps Quest (Gamified Learning Platform)</i> , Project   |
|                      | <ul style="list-style-type: none"><li>○ Reduced scenario load times by <b>25%</b> and increased user retention by <b>30%</b> during beta testing by optimizing backend simulation logic using Node.js.</li><li>○ Cut deployment errors by <b>90%</b> by standardizing development environments with Docker containers.</li><li>○ Developing an interactive web platform using React, Firebase, and MongoDB to simulate complex DevOps scenarios.</li></ul> |
| Jan 2025 – Mar 2025  | <b>Web Developer</b> , <i>E-Commerce Website</i> , Project   |
|                      | <ul style="list-style-type: none"><li>○ Attained a <b>98/100</b> Lighthouse performance score by building a responsive frontend using HTML5 and CSS3.</li><li>○ Decreased bounce rates by <b>15%</b> by compressing assets and optimizing page load speeds.</li><li>○ Ensured application portability across 3+ different environments by deploying via NGINX and Docker.</li></ul>  |
| July 2024 – Dec 2024 | <b>Full Stack Developer</b> , <i>FOODISTA (Campus Dining Platform)</i> , Academic Project  |
|                      | <ul style="list-style-type: none"><li>○ Reduced average wait times by <b>40%</b> for 500+ daily users by engineering a unique digital token algorithm.</li><li>○ Achieved <b>99.9%</b> system uptime during peak lunch hours by integrating real-time data fetching for live menu updates.</li><li>○ Built a full-stack solution using React and JavaScript to digitize campus dining operations and payment processing.</li></ul>                         |
| Jan 2024 – May 2024  | <b>Frontend Developer</b> , <i>Patient Care System (Healthcare Portal)</i> , Academic Project  |
|                      | <ul style="list-style-type: none"><li>○ Decreased manual patient check-in time by <b>50%</b> by designing a secure patient portal for digital record management.</li><li>○ Enabled <b>2x faster</b> data retrieval for medical staff by creating administrative dashboards with visualization tools.</li><li>○ Implemented Role-Based Access Control (RBAC) to ensure <b>100% compliance</b> with data privacy standards.</li></ul>                        |

### Academic Research

|          |   |
|----------|---|
| Nov 2025 | <b>Research Paper</b> , <i>DevOpsQuest: A Gamified Learning Platform</i>  |
|          | <ul style="list-style-type: none"><li>○ Demonstrated a <b>20% improvement</b> in skill acquisition speed through simulation-based learning compared to traditional methods.</li><li>○ Authored a detailed architectural analysis of a gamified platform for progressive DevOps education.</li></ul> |
| Jan 2024 | <b>Academic Study</b> , <i>Cyber Attacks on UPI Payment Systems</i>   |
|          | <ul style="list-style-type: none"><li>○ Identified 5 major phishing vectors in digital payments through comprehensive security vulnerability analysis.</li><li>○ Proposed encryption-based measures to mitigate fraud risks in a detailed technical report.</li></ul>                               |

### Certifications & Interests

|                |  |
|----------------|--|
| Certifications | Oracle Cloud Infrastructure Generative AI Professional (2024), Microsoft Azure Fundamentals (2023) |
| Interests      | Web Application Development, Cloud Computing, Open Source Technologies                             |