

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

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

Education

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

Technical Experience

- July 2025 – Present
- Lead Developer, DevOps Quest (Gamified Learning Platform), Project
 - Reduced scenario load times by **25%** and increased user retention by **30%** during beta testing by optimizing backend simulation logic using Node.js.
 - Cut deployment errors by **90%** by standardizing development environments with Docker containers.
 - Developing an interactive web platform using React, Firebase, and MongoDB to simulate complex DevOps scenarios.
- Jan 2025 – Mar 2025
- Web Developer, E-Commerce Website, Project
 - Attained a **98/100** Lighthouse performance score by building a responsive frontend using HTML5 and CSS3.
 - Decreased bounce rates by **15%** by compressing assets and optimizing page load speeds.
 - Ensured application portability across 3+ different environments by deploying via NGINX and Docker.
- July 2024 – Dec 2024
- Full Stack Developer, FOODISTA (Campus Dining Platform), Academic Project
 - Reduced average wait times by **40%** for 500+ daily users by engineering a unique digital token algorithm.
 - Achieved **99.9%** system uptime during peak lunch hours by integrating real-time data fetching for live menu updates.
 - Built a full-stack solution using React and JavaScript to digitize campus dining operations and payment processing.
- Jan 2024 – May 2024
- Frontend Developer, Patient Care System (Healthcare Portal), Academic Project
 - Decreased manual patient check-in time by **50%** by designing a secure patient portal for digital record management.
 - Enabled **2x faster** data retrieval for medical staff by creating administrative dashboards with visualization tools.
 - Implemented Role-Based Access Control (RBAC) to ensure **100% compliance** with data privacy standards.

Academic Research

- Nov 2025
- Research Paper, DevOpsQuest: A Gamified Learning Platform
 - Demonstrated a **20% improvement** in skill acquisition speed through simulation-based learning compared to traditional methods.
 - Authored a detailed architectural analysis of a gamified platform for progressive DevOps education.
- Jan 2024
- Academic Study, Cyber Attacks on UPI Payment Systems
 - Identified 5 major phishing vectors in digital payments through comprehensive security vulnerability analysis.
 - Proposed encryption-based measures to mitigate fraud risks in a detailed technical report.

Certifications & Interests

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