LOKESH TRIVEDI

Frontend Developer | React.js Enthusiast | CSE Student

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Summary

Passionate Computer Science Engineering student with strong skills in frontend development using React.js and modern web technologies. Experienced in building secure, responsive, and interactive applications with practical project experience. Seeking an internship opportunity to apply my knowledge, enhance UI/UX skills, and contribute to real-world applications.

Education

Mahaveer Institute of Technology & Science
B.Tech in Computer Science Engineering   08/2022 - 05/2026

Swami Vivekananda Govt. Model Sr. Sec. School
ClassXII   01/2021 - 05/2022

Swami Vivekananda Govt. Model Sr. Sec. School
ClassX   01/2019 - 05/2020

Technical Skills

Frontend:
HTML5, CSS3, JavaScript (ES6+), React.js, React Router, Bootstrap, Tailwind CSS, Responsive Design, Component-Based Architecture

Backend & APIs:
Node.js, Express.js, RESTful APIs, JWT Authentication, Middleware, API Security

Cloud & Deployment:
AWS S3 (file storage), Pre-signed URLs, Netlify, Vercel, Render

React.js Features:
Functional Components, Hooks (useState, useEffect, useContext), Custom Hooks, Form Handling, Conditional Rendering

Security & Optimization:
Input Validation, Password Hashing, Session Control, Secure Data Transmission

Database:
MongoDB (NoSQL), Mongoose ODM, Data Modeling, Query Operations

Projects

Secure File Sharing Platform

Secure File Sharing Platform(Major Project)

- Developed a secure platform for uploading, protecting, and sharing files
- Integrated password protection, file expiration logic, and QR-based access
- Used AWS S3 for encrypted file storage and MongoDB for metadata
- Implemented email-based sharing with download tracking using Nodemailer

Chat Application

Chat Application with Secure Messaging

- Built a real-time chat system with JWT-based authentication
- Secured chat history using MongoDB and validated APIs via Thunderbolt
- Emphasis on secure data transmission and user session control

Login System

Login System with Backend Authentication

- Developed a login/signup system with client-side validation and server-side authentication
- Used PHP and SQL with hashed password storage techniques

Ethical Hacking Practice

TryHackMe Labs & Ethical Hacking Practice

- Completed 25+ cybersecurity labs on TryHackMe covering network enumeration, OSINT, and basic web exploitation
- Familiarity with attack vectors: brute force, directory traversal, DDos attack and service enumeration