

VIKRAM SINGH

React Developer | Frontend Developer
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GitHub | **LeetCode** | **HackerRank** | **Linkedin**

EDUCATION

Lakshmi Narain College of Technology
Computer Science and Engineering B.Tech
CGPA: 8.9

Bhopal, Madhya Pradesh
July 2018 - June 2022

EXPERIENCE

VisiLean India Pvt Ltd | Frontend Developer

Ahmedabad, Gujarat | Nov 2023 - Present

- **Independently led** the design and implementation of key modules like Table View, Scheduler, and advanced Gantt charts using React.js, Redux Toolkit, and TypeScript.
- Applied **deep DSA skills and rendering optimization techniques** (virtualization, memoization, lazy loading) to reduce rendering time by 65%, even with large datasets.
- Played a central role in **modernizing legacy architecture** into modular, testable componentscutting down future maintenance by 30%.
- Worked closely with cross-functional teams to define API contracts and implemented **robust, error-resilient frontend-backend integrations**.
- Actively contributed to agile processes including sprint planning, estimations, code reviews, and technical decision-making.

Persistent System Limited | Software Engineer

Indore, Madhya Pradesh | Dec 2021 - Nov 2023

- Developed a reusable UI component library using MUI and TypeScript adopted across teams, increasing development speed by 35%.
- Built robust role-based authentication and validation workflows in a full-stack system using React and Node.js.
- Improved web performance and initial load time by 40% through SSR (Next.js), lazy loading, and optimized routing.
- Conducted load testing with K6 to ensure system scalability under high traffic.

SKILLS

Programming Languages:	JavaScript (ES6+), Typescript, HTML5, CSS3
Libraries/Frameworks:	React, Next, Redux, Node, FullCalendar, Ag-Grid, Dhtmlx
Tools / Platforms:	Webpack, Vite, Babel, ESLint, Prettier, VS Code, Git
Databases:	MongoDB

PROJECTS / OPEN-SOURCE

Scheduler Smart Crowd Management System | Link

NodeJS, Firebase and React Native

- Built a scheduling app in React Native + Firebase for smart crowd control in public places.
- Developed QR-based booking & scanning with dual-role access for merchants and users.
- Optimized real-time navigation with integrated Google Maps.
- Enhanced booking throughput and reduced peak time congestion by 20%.

Zen-Z | E-commerce Platform | Link

Javascript, React, NodeJS and MongoDB

- Built end-to-end features (cart, checkout, product filters) using Next.js, Redux, and Node.js.
- Improved page speed by 30% with lazy loading and image optimization.

CERTIFICATIONS

- LeetCode: 300+ problems solved (Top 15% in DSA)
- HackerRank: 5-star in React and Problem Solving.