

YASHRAJ KUMAR

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Professional Summary

Frontend Developer with strong academic record (**8.38 CGPA**) and hands-on experience in React 18, TypeScript, and full-stack MERN development. Built 3 production-ready applications with 100/100 Lighthouse scores and modern web technologies. Strong problem-solving abilities demonstrated through 200+ DSA problems solved. **Oracle Cloud 2025 Certified**. Immediately available for Software Engineer / Frontend Developer roles with flexibility to relocate across India.

Projects

ShopHub - E-Commerce Store UI | *React 18, TypeScript, Tailwind CSS, Vite, Context API* **Live Demo** | **GitHub**

- Built responsive e-commerce UI with 20+ products, advanced search/filter system, and persistent cart using localStorage
- Implemented global state management with Context API and custom hooks (useCart, useProducts) across 7+ pages
- Achieved 95+ Lighthouse score through code splitting, lazy loading, and mobile-first responsive design

LinkLite - URL Shortener + Analytics | *MongoDB, Express, React, Node.js, Chart.js, JWT* **Live Demo** | **GitHub**

- Developed full-stack MERN app with JWT authentication, QR code generation, and real-time analytics dashboard
- Engineered RESTful APIs with Express.js, MongoDB (indexed queries), and rate limiting (100 requests/15 minutes)
- Deployed production app achieving 100/100 Lighthouse score: Frontend (Vercel), Backend (Render), Database (Atlas)
- Integrated geo-IP tracking for location analytics and user behavior insights across multiple geographic regions

Portfolio - Interactive Developer Site | *React 18, TypeScript, Tailwind CSS, Vite, Lucide Icons* **Live Demo** | **GitHub**

- Designed modern portfolio with glassmorphism UI, smooth animations, and component-based React architecture
- Implemented data-driven structure (src/data/), custom scroll logic, and integrated contact form with validation
- Ensured WCAG 2.1 Level AA accessibility with semantic HTML, ARIA labels, and keyboard navigation support

Technical Skills

Languages: JavaScript (ES6+), TypeScript, HTML5, CSS3, SQL

Frontend: React 18, React Router, Context API, Tailwind CSS, Vite, Responsive Web Design, CSS Flexbox and Grid, Web Accessibility (WCAG), Form Validation, Responsive Layouts

Backend: Node.js, Express.js, MongoDB, REST APIs, JWT Authentication, Rate Limiting

Tools & Platforms: Git/GitHub (branching, pull requests), VS Code, Vercel, Render, npm, Postman, Chart.js, Figma (basic), ESLint, Prettier, Jest (basic)

Core Competencies: Data Structures & Algorithms, Problem Solving, Web Performance, Agile

Education

Chandigarh University

Jan 2023 – Dec 2025

Bachelor of Computer Applications (BCA) – CGPA: 8.38/10.0

Punjab, India

Certifications & Achievements

Oracle Cloud Infrastructure 2025 AI Foundations Associate (Oracle, 2025)

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HackerRank Problem Solving (Intermediate) | HackerRank SQL (Intermediate) (2024)

Competitive Programming: 200+ DSA problems solved (LeetCode, GeeksforGeeks) - Arrays, Trees, DP, Graphs

Additional Information

Availability: Immediate joiner (0 days notice) | **Relocation:** Open to pan-India opportunities

Work Preferences: Flexible with On-site / Hybrid / Remote | **Languages:** English (Professional), Hindi (Native)

Strengths: Quick learner, strong analytical thinking, team collaboration, adaptable to new technologies