PIYUSH KUMAR DEWANGAN

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TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML5, CSS3, Sass, SCSS, GraphQL, SQL
Frameworks & Libraries: React.js, Next.js, Redux, React Native, Material-UI, Shadcn-UI, Tailwind CSS, Bootstrap, Framer Motion
Tools & Technologies: Git, GitHub, npm, Webpack, Vite, REST APIs, Chrome DevTools, Testing Library
Core Competencies: Responsive Design, Performance Optimization, SEO, Web Vitals, Agile/Scrum, Component Architecture, State Management, Cross-browser Compatibility

WORK EXPERIENCE

Frontend Web Developer (Freelance) — May 2025 – Aug. 2025
Dheera Digital — *Korba, Chhattisgarh, India (Remote)*

– Engineered web applications using Next.js and JavaScript with comprehensive responsive layouts spanning 320px to 2560px viewports
– Implemented mobile-first design methodology utilizing CSS3, Flexbox, and CSS Grid for consistent cross-device rendering
– Integrated REST APIs with comprehensive error handling and state management connecting frontend to backend services
– Optimized website accessibility and performance using efficient coding practices and lazy loading to boost Core Web Vitals metrics

Frontend Developer — Mar. 2024 – Apr. 2025
EVD Technology — *Korba, Chhattisgarh, India*

– Architected 5 production web applications using React.js and Next.js, delivering 99.9% uptime for 10,000 monthly active users
– Increased application speed by 40% via strategic code splitting and Redux optimization, achieving Lighthouse scores above 90
– Designed modular UI library with reusable atomic components, decreasing team development cycles by 30%
– Crafted responsive interfaces using CSS Grid and Flexbox ensuring pixel-perfect display across all screen sizes
– Connected 20+ RESTful APIs with retry logic and robust error handling, boosting data fetch efficiency by 35%

PROJECTS

Video Size Reducer | *Next.js, JavaScript, Material-UI, Iconify* — 2025

– Created web-based video compression application with intuitive interface featuring adjustable compression levels
– Constructed modular component architecture with reusable UI elements for design consistency and scalability
– Implemented responsive design system with efficient media file processing for multiple device types

TexKart E-commerce Platform | *Next.js, TypeScript, Redux, Material-UI, REST APIs* — 2025

– Built full-stack e-commerce solution featuring dual buyer/seller portals with role-based authentication and inventory management
– Orchestrated 100+ product listings using Redux and TypeScript achieving zero runtime errors with 100% critical path test coverage
– Leveraged server-side rendering with Next.js improving SEO rankings by 45% and reducing Time to First Byte under 600ms

Uniklinger Corporate Application | *React.js, Material-UI, REST APIs, PWA* — 2025

– Engineered enterprise web application with 100% cross-browser compatibility and progressive web app functionality
– Integrated 10+ REST APIs with intelligent caching strategies reducing API calls by 50% and improving response times by 60%

Stop Services AU | *React.js, Framer Motion, CSS3, Figma, Performance Optimization* — 2025

- Transformed 15+ Figma mockups into pixel-perfect React components boosting user engagement metrics by 40%
- Accelerated web performance via image compression and progressive loading achieving 98% mobile Lighthouse score

Hems Corporation Portfolio | *React.js, Material-UI, WebP, Image Optimization* 2025
- Produced corporate portfolio with WebP conversion and progressive loading decreasing asset size by 60% and improving load time by 3 seconds

EDUCATION

Chhattisgarh Swami Vivekanand Technical University Chhattisgarh, India
Bachelor of Technology in Computer Science and Engineering; Percentage: 79.3 *Oct. 2020 – May 2024*

Allons Public School Bemetara, Chhattisgarh, India
CBSE Class XII (Science - Mathematics); Percentage: 60 *2018 – 2019*

Kendriya Vidyalaya NTPC Korba, Chhattisgarh, India
CBSE Class X; Percentage: 68.4 *2016 – 2017*

ACHIEVEMENTS

Bronze Medal - KVS National Sports Meet (Taekwondo): Awarded Bronze Medal in Taekwondo at Kendriya Vidyalaya Sangathan National Sports Meet demonstrating martial arts excellence

3-Time State Level Gold Medalist - Taekwondo: Won Gold Medal three times at State Level Taekwondo Championships showcasing exceptional competitive performance

High-Performance Web Engineering: Delivered 5 production-ready applications with 90+ Lighthouse scores serving 10,000+ monthly users

Scalable Architecture Design: Created modular component system following atomic design principles reducing development time by 30%

Technical Excellence in Computer Science: Graduated with 79.3% in B.Tech Computer Science with strong performance in Web Technologies and Software Engineering

Cross-Functional Team Leadership: Led frontend development initiatives delivering 8+ client projects within strict deadlines

Speed Optimization Specialist: Achieved 40% performance improvement using advanced optimization techniques and efficient state management