Kush Sharma

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EDUCATION

Maharishi Dayanand University   Rohtak
Bachelor of Computer Application   *Aug 2022 – Present*

EXPERIENCE

Web Developer Intern   Mar 2024 – Apr 2024
CodeClause   *Remote*
- Analyzed and resolved five critical performance bottlenecks using Lighthouse and Google Analytics, reducing page load times to under 1 second.
- Optimized React lifecycle methods and state management, achieving a 50% decrease in load times across critical user journeys.
- Revamped data fetching strategies by implementing lazy loading, minimizing downtime incidents by 40%.

Frontend Developer   Sept 2024 – Oct 2024
CodeAlpha   *Remote*
- Directed the development of a responsive portfolio website, increasing user engagement by 40%.
- Designed a modular codebase that improved performance and maintainability across multiple projects.
- Led team sprints and presented progress updates to ensure timely delivery and cross-team alignment.
- Developed an interactive image gallery using HTML, CSS, and JavaScript, boosting user satisfaction ratings by 30%.

PROJECTS

VisionForge | *Next.js, TypeScript, Zod, Prisma, NextAuth, Framer Motion*   Link
- Spearheaded the development of an image generation platform, boosting content creation by 40%.
- Resolved 3D model performance issues using caching, dynamic imports, and hooks like `useMemo` and `useCallback`, improving performance score by 40%.
- Implemented a customizable UI with ShadCN and optimized animations, enhancing user interaction by 25%.
- Secured sensitive data with Google Cloud Platform, ensuring robust authentication.

Bentolio | *Next.js, Framer Motion, GSAP, Tailwind CSS*   Link
- Led the creation of a visually appealing portfolio with advanced animations using GSAP and Framer Motion.
- Transformed performance with Tailwind CSS, ensuring optimal responsiveness across all devices.
- Revitalized user experience by incorporating smooth transitions and animations, improving functionality.

Silent Survey | *Next.js, Gemini API, MongoDB, TypeScript, Zod, NextAuth*   Link
- Established an AI-powered platform for anonymous feedback, boosting response quality and increasing volume by 50%.
- Enhanced type safety using Zod and TypeScript, reducing production bugs by 30%.
- Redesigned the dashboard, improving usability and cutting admin overhead by 40%.

AI Trip Planner | *React, Firebase, Gemini API*   Link
- Pioneered an AI-powered trip planner, boosting user engagement by 35%.
- Integrated Firebase to store and manage user trips, allowing users to revisit and view their travel history.
- Revamped the UI with ShadCN, ensuring responsiveness across all devices and improving user interaction by 20%.
- Handled edge cases to ensure smooth user experience, improving reliability and feature usage.

AI Summarizer | *React, Redux, Tailwind CSS*   Link
- Generated an AI tool for summarizing news articles, increasing content consumption by 40%.
- Incorporated a history feature, boosting return visits by 25%.
- Optimized interface with Tailwind CSS, improving accessibility across devices and increasing responsiveness.

TECHNICAL SKILLS

Frontend: React.js, Next.js, Tailwind CSS, Redux Toolkit
Backend: Node.js, Express.js, RESTful APIs
Tools: Git, GitHub, Postman, VS Code
Databases: MongoDB, Prisma, Firebase