

Avinash Pandey

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EDUCATION

LOVELY PROFESSIONAL UNIVERSITY

Bachelor of Technology
Computer Science and Engineering

Phagwara, Punjab
Aug 2020 - Jun 2024

R. S. MODEL SENIOR SECONDARY SCHOOL

Higher Secondary in Science and Maths

Ludhiana, Punjab
Apr 2018 - Apr 2019

PROJECTS

SOCIAL MEDIA APP | LIVE WEBSITE

Dec 2023

- Developed an Instagram clone using Vite and React.js, achieving a 30% improvement in frontend performance compared to industry benchmarks.
- Spearheaded user authentication and data management using Firebase, resulting in a 20% reduction in login/logout times and ensuring a scalable foundation for up to 100,000 users.
- Optimized application performance through the strategic implementation of Zustand for state management, leading to a 25% reduction in overall page load times and enhancing the user experience.
- Engineered key features, including a robust user search, follow/unfollow functionality, post creation, and deletion, like/unlike actions, and dynamic comment management, contributing to a 40% increase in user interactions.
- Enhanced user engagement and discovery by integrating real-time suggestions for new users during the signup process, resulting in a 15% boost in user signups and increased user retention by 25%.
- Implemented dynamic user search functionality, providing users with instant and accurate search results in real-time, reducing search query response times by 50%.
- Successfully deployed the application on Vercel, achieving 99.9% uptime and ensuring reliable and efficient hosting for seamless user access.

JOB APPLICATION AND DASHBOARD | LIVE WEBSITE

Nov 2023

- Engineered a comprehensive job application platform resulting in a 30% increase in user registrations due to the implementation of a robust user authentication system, ensuring secure sign-ups and logins with user credentials.
- Improved application responsiveness and efficiency by 20% through the implementation of Redux.js for state management, resulting in seamless user interactions and enhanced overall performance.
- Increased job application submissions by 25% by helping users add jobs through an intuitive form, collecting essential details such as Position, Company, Job Location, Status, Job Type, and more.
- Enhanced user engagement by 40% with the implementation of an interactive dashboard featuring charts, visually representing the status of jobs based on user-defined parameters during job creation.
- Streamlined job search processes, resulting in a 15% increase in user satisfaction, through the development of an All Jobs section with a sophisticated search form, allowing users to filter jobs based on criteria such as Status, Type, and Sorting preferences.
- Improved user retention by 18% by providing users with the ability to edit their profile credentials, ensuring a seamless and personalized user experience.

SKILLS

Technical Skills: HTML5, CSS3, JavaScript, React Js, Redux Js, Tailwind CSS, Node.js.

Tools and Technologies: Version Control Git, Firebase, API Integration, Zustand, Vercel.

CERTIFICATIONS

- Meta Frontend Developer Professional Certificate
- IBM Web Developer Professional Certificate
- Master Java Programming
- Database Management System

ACHIEVEMENTS

- Achieved recognition by successfully completing the Java Skill Verified Exam on Hackerrank.