

Tanisha Agarwal

Software Developer

A creative and adaptable tech enthusiast with a passion for solving complex problems and bringing ideas to life. I thrive on collaboration, constantly seek to learn, and bring a positive, can-do attitude to every challenge. My curiosity and dedication drive me to push boundaries and create meaningful digital experiences. I excel at leveraging cutting-edge technologies to craft innovative solutions and deliver impactful results.

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EDUCATION

B. Tech Data Science
Manipal University Jaipur
10/2020 - 07/2024

8.62

Senior Secondary
Prelude Public School
03/2019 - 07/2020

87.4

WORK EXPERIENCE

Software Developer
Mitiosys Services
11/2024 - Present

Delivering innovative IT solutions, including software development, web design, and digital transformation services, to empower businesses.

Achievements/Tasks

- Develop and deploy scalable web applications using Laravel and PHP, ensuring optimized performance and seamless functionality across diverse hosting platforms.
- Collaborate with international clients to understand their unique requirements and customize CRM systems, delivering tailored features that enhance operational efficiency and user satisfaction.

Frontend Developer
NewOwl
07/2024 - 11/2024

HR management system integrated with AI for streamlined operations and enhanced functionality.

Achievements/Tasks

- Crafted intuitive and visually appealing frontend designs, building innovative dashboards and robust authentication systems with React, CSS, and WebSocket technology to ensure a responsive and seamless user experience.
- Integrated AI interview functionality, Calendly scheduling, and WebRTC for seamless video communication. Optimized HR workflows and improved efficiency. Achieved a 30% reduction in scheduling time and a 15% increase in user engagement.

Data Science Intern
FINTRICITY
08/2023 - 10/2023

A system designed to streamline CRM and marketing processes for improved efficiency.

Achievements/Tasks

- Designed, constructed, and optimized AWS data pipelines using Agile methodologies and Jira, emphasizing eco-friendly practices.
- Engineered integration of CRM and marketing automation platforms, increasing lead conversion rates by 40%.

SKILLS



PROJECTS

AI-Based Recruitment Platform

- Executed live video streaming with WebSocket for real-time interactions, enhancing user communication efficiency by 50%. Synchronized backend APIs with the frontend to improve data consistency and reduce load times by 20%.
- Built Progressive dashboards featuring gauge charts, scores, and application lists, boosting data visualization effectiveness by 35%. Integrated OAuth authentication for secure access, improving login efficiency by 25%.
- Designed a responsive UI based on Figma, increasing user engagement by 30%. Integrated Calendly to streamline interview scheduling, reducing coordination time by 40%.

E-Commerce Website

- Implemented responsive design principles using React and CSS, ensuring seamless user experience across devices, which led to a 40% increase in mobile user engagement.
- Formulated dynamic product filtering and sorting features with JavaScript, enhancing user navigation and contributing to a 25% improvement in conversion rates.

Virtual Meeting Hub

- Designing and building a React-based video conferencing solution with WebRTC and featuring real-time media management, Google OAuth authentication, and customizable video layouts with host and participant controls for enhanced user experience and security.
- Optimizing performance and scalability by leveraging WebSocket connections to achieve a 20% reduction in latency, supporting up to 100 concurrent users, and implementing backend efficiencies such as image compression for faster load times and improved server efficiency.

CERTIFICATES

Web Development

AWS Cloud Technical Essentials

Oracle Certification in Database Systems

ML and DL with Python & R

INTERESTS

