TANISH RAJ SINGH

Computer Science Engineer

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ABOUT ME

Aspiring Software Development/Web Development Engineer with hands-on experience in Web development and an AI/ML enthusiast. Seeking to leverage technical and soft skills in a dynamic organization.

EXPERIENCE

Project Intern

Vital Skills (in association with IIT Kanpur) (May 2024 - June 2024)

- 1. Advanced Filtering Feature: Developed an advanced filtering feature for an e-commerce website using React.js to enhance user experience with dynamic and efficient product searches.
- 2. Component-Based Architecture: Created reusable and modular components with React, leveraging React hooks for state management and optimizing performance for a smooth user interface.
- 3. Filter Logic: Implemented filter logic to allow users to sort and refine products based on various criteria such as category, price range, brand, and ratings.
- 4. Responsive Design: Designed the user interface with responsive web design principles, ensuring a seamless experience across different devices.
- 5. JavaScript and CSS Modules: Utilized JavaScript ES6 features and CSS modules for modular and maintainable styling, resulting in a highly interactive and user-friendly e-commerce platform.

AI/ML Intern

RAMAN Lab, Malviya National Institute Of Technology Jaipur (June 2023- July 2023)

- 1. Hands-On Experience with Python Libraries: Worked extensively with various Python machine learning libraries, including scikit-learn and Pandas, to develop and implement Al models.
- 2. Collaboration and Optimization: Collaborated with a team of researchers to optimize model performance and improve accuracy, employing machine learning algorithms and techniques.
- 3. Skill Enhancement: Enhanced proficiency in Python, data preprocessing, feature engineering, and applying machine learning algorithms to solve complex NLP problems.

Promotions Coordinator Finance Club, Manipal University Jaipur (August 2023- May 2024)

- Organized and promoted club events, enhancing visibility and engagement.
- Managed promotional marketing strategies and social media platforms.

Social Outreach Intern at Pawzz (April 2024)

• Gained experience in social outreach, crowd reach, teamwork, and social media management.

PROJECTS

GINNIS CART

Developed an advanced filtering feature for an e-commerce website using React.js to enhance user experience with dynamic and efficient product searches.

Al Chatbot & Visionbot

Created an AI chatbot and visionbot using LLM from Google gemini API and generative AI with Gradio integration.
Enhancing and learning new python skills.

Portfolio Website

Built a personal portfolio website using HTML, CSS, and JavaScript. Showcased projects and skills in a professional and user-friendly manner.

SKILLS

Hard skills:

Python, HTML, CSS, JavaScript, React.js, Data Structures and Algorithms (DSA), Object-Oriented Programming (OOP), Java, Machine Learning, MySQL, Generative AI

Soft skills:

Digital Marketing, Social Media Management, MS Office, Promotional Marketing, Teamwork, Communication

EDUCATION

Manipal University Jaipur

B.Tech in Computer Science and Engineering, 2022-26

BVB Vidyashram Jaipur Schooling with PCM background 10th - 89% (2019-20)

12th - 80% (2021-22)