Rahul jain

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EXPERIENCE

Web Developer Intern

Prabha Industries   **June 2024 -August 2024**, **Bangalore,KA**

- Designed and developed a comprehensive company website, highlighting the company's profile, services, and key information to enhance its online presence.
- Implemented responsive design and SEO best practices, improving the website's accessibility and search engine ranking.

IT Intern

Satyam Technocrats   **October 2023 - November 2023**, **Nashik,MH**

- Conducted in-depth analysis of system requirements, contributing to the successful implementation of client-specific software solutions.
- Assisted in the deployment and testing of new software features, ensuring smooth integration, and improving user experience.

PROJECTS

Dynamic Bandwidth Allocation

github.com/Kshitiz-2002/Dynamic_Bandwidth_Allocation_In_5g_Using_GA • January 2024 -August 2024

- Applied genetic algorithms for real-time bandwidth optimization, improving latency, throughput, and scalability in 5G networks.
- Contributed to 5G research by demonstrating enhanced network efficiency through the integration of machine learning and optimization algorithms.

Image Recognition Using Cifar-10

January 2024 -August 2024

- Built a CNN to classify images of vehicles, bicycles, buses, and birds, Prepared a custom dataset with preprocessing techniques for CNN training.
- Assessed model performance with accuracy and loss metrics.

Online Medical Assistance

January 2024 - May 2024

- Developed a healthcare platform for booking services, online consultations, and personalized doctor recommendations.
- Implemented modules for real-time bookings, secure consultations, and medicine orders with integrated payment options.

EDUCATION

Bachelor of Technology (Computer Science Engineering)

Vellore Institute of Technology • Tamil Nadu, India • 2025

CERTIFICATIONS

Back-End Engineering Job simulation

Forage • 2024   click here

- completed a job simulation at Lyft through Forage, gaining insights into real-world challenges in ridesharing and transportation technology.

COURSEWORK

Network Automation Engineering Fundamentals

Coursera, Cisco • 2024   click here

- This specialization serves as a well-rounded survey of topics and core skills that a network automation engineer should know to effectively deploy and operate a NetDevOps environment.

INVOLVEMENT

Events Head   click here

VIT Vellore • Hindi Literary Association(HLA) • January 2023 -January 2024

- Led the planning and execution of multiple events at HLA, ensuring seamless coordination and high attendee engagement.

SKILLS

Java, Python, HTML/CSS, TensorFlow, XML, and JSON   click here