Siddhnat Teotia

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SUMMARY

MERN Stack Developer at GICSEH with 1 year of experience in developing websites using the MERN stack (MongoDB, Express.js, React.js, Node.js). Proficient in integrating CI/CD pipelines, and automating workflows.

SKILLS

- **Frontend**: React, HTML, CSS, Bootstrap, JavaScript
- **Backend**: Node, Express, RESTful APIs
- **Database**: MongoDB, SQL
- **Cloud & DevOps**: AWS, Azure, Docker, Kubernetes, Jenkins, ELK Stack, Git, GitHub

EXPERIENCE

IT Trainer

GICSEH   **May 2023 – February 2024**

· Developed and delivered comprehensive training programs across software, cloud, and DevOps domains to over 150 college students and working professionals.
· Successfully addressed all learner queries and delivered high-quality training sessions, resulting in a 95% satisfaction rate among participants.
· Created and implemented assessment tools and practical exercises that improved learners' IT certification exam pass rates by 30%, ensuring enhanced career readiness.

Web Developer

GICSEH   **May 2023 – February 2024**

· Developed and deployed over 10 websites using the MERN stack (MongoDB, Express, React, Node.js), achieving an average performance improvement of 40% through optimized code and architecture.
· Integrated pipelines and automated workflows with Jenkins, reducing deployment time by 50% and minimizing downtime.
· Designed and implemented dynamic user interfaces with React and Redux, increasing user engagement by 25%.
· Developed and maintained secure back-end services with Node.js and Express, implementing robust data validation and security measures.

PROJECTS

Online Learning Platform with DevOps Automation

GICSEH · September 2023 - November 2023

· **Front-End Development**: Designed and implemented the user interface using React. Achieving a 20% increase in user satisfaction due to improved navigation and design. Utilized Redux for state management, allowing seamless data consistency across the application.
· **Back-End Development**: Built a scalable back end using Node.js and Express, incorporating RESTful APIs for course management and user authentication. Integrated MongoDB for efficient data storage, optimizing queries for fast access to user and course information.
· **Video Streaming Integration**: Enabled high-quality video streaming, with a 95% user satisfaction rate for playback performance.
· **Real-Time Communication**: Implemented WebSocket for real-time chat and feedback, enhancing user interaction and engagement with a 40% increase in real-time communications.
· **DevOps Automation**: Utilized Docker and Kubernetes to containerize and deploy the application, reducing deployment errors by 70%. Set up a CI/CD pipeline with Jenkins/GitHub Actions, accelerating feature delivery by 60%.
· **Monitoring and Logging**: Deployed Prometheus and Grafana for real-time monitoring and logging, significantly improving system performance tracking and reducing issue resolution time by 50%.

CERTIFICATIONS

Microsoft – AZ-400 Designing and Implementing Microsoft DevOps Solutions

Microsoft · 2022

AP2V – AWS Certified Solutions Architect – Associate

IT Training Institute · 2022

EDUCATION

Master of Computer Applications

Minor in Cloud Computing · Jain University · Bangalore · 2025

Bachelor of Computer Applications

IIMT University · Meerut · 2023

COURSEWORK

Master of Computer Applications

Jain University · 2024 · Git, GitHub, Docker, Kubernetes, and Jenkins.

· Collaborated with a team to implement DevOps practices for an e-commerce platform project.
· Coordinated the development and deployment processes, including setting up a CI/CD pipeline using Jenkins (or GitHub Actions) to automate testing and deployment.
· Worked together on containerizing the application with Docker and managing deployments with Kubernetes.
· Facilitated effective communication within the team to ensure smooth version control, automated updates, and comprehensive monitoring, enhancing the efficiency and reliability of the project.