

RAHI CHAUHAN

Software Engineer

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📍 Nagpur - India

🐙 [Github](#)

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EXPERIENCE

Colosseum-Information Technology Committee Technical Head

📅 March 2024 – present

- Led the technical team in implementing projects with a strong emphasis on **quality and meeting deadlines**.
- Developed the Catch-the-Flag system, enabling competitive gameplay for multiple college teams. I led the **backend development**, ensuring robustness and functionality, and collaborated closely with junior team members.
- Managed technical systems and processes, ensuring their smooth operation, optimizing performance, and implementing security measures for data protection and operational efficiency.

Blockchain Chapter Contributor - RCOEM

PR and Marketing Member

📅 March 2023 – Present

- Played a key role in leading **dynamic marketing campaigns** to boost brand presence and visibility within the blockchain sector.
- Successfully organized and promoted various events to engage the community and drive participation.
- Contributed to **fundraising initiatives and marketing strategies**, driving growth and success in the blockchain industry.

ACHIEVEMENTS

- In **ZS Hackathon**, our team achieved **10th place nationwide** in India, showcasing expertise in **SQL queries, Data Structures and Algorithms (DSA)**, and **aptitude skills**.
- Completed **Eduskills AWS Internship**, gaining hands-on experience with AWS technologies and cloud solutions.

TECHNICAL SKILLS

• Programming Languages

- C/C++, JavaScript, TypeScript, Java

• Frameworks & Libraries

- HTML, CSS, MySQL, NextJS, ReactJS, NodeJS, ExpressJS, MongoDB, Tailwind CSS, WebRTC, Elastic Search

• Tools and Course Work

- Docker, Docker compose, Kubernetes, Prometheus, Grafana, Grafana Loki, Jenkins, Gitlab CI, Argo CD, Git, GitHub, Linux, Terraform, API Testing, Operating System, Computer Network, Virtualization, Information Security, Database Normalization

EDUCATION

B.Tech. (IT) - 8.98 CGPA

Shri Ramdeobaba College of Engineering and Management

📅 2022 – 2025

📍 Nagpur, Maharashtra

Higher Secondary - 93%

Bharat Dnyan Mandiram (BDM)

📅 2019 - 2021

📍 Wardha, Maharashtra

PROJECTS

DockerizedNextJS

- **Technologies:** NextJs, **Tools:** Docker, Docker Compose
- I built a Next.js application and containerized it with **Docker**, creating separate images for the frontend, backend, and database.
- **Docker Compose** is used to **orchestrate** communication between these containers, ensuring smooth interaction and optimizing the setup for both **development and production** environments, streamlining development and simplifying deployment.

Prometheus-Grafana-Monitoring

- I set up **Prometheus and Grafana** for monitoring, running the Prometheus server inside a Docker container to collect logs from an **Express.js** route.
- Grafana, also running in a Docker container, visualizes these **metrics** by connecting to the Prometheus server, displaying the data on a customizable **dashboard** for easy monitoring and analysis.

GitLab-Python-CI-CD

- **Technologies:** Python, **Tools:** Docker, Gitlab CI
- I created a **CI/CD pipeline** for a Python application using GitLab, with jobs executed on **Gitlab-managed runners** within Docker containers.
- The pipeline is structured to group jobs into stages that run in a defined order, streamlining the **build, test, and deployment** processes.

Catch-the-Flag System

|| [Demo Link](#)

- **Technologies:** ReactJs, ExpressJs, MongoDB, NodeJs
- Implemented a **flag guessing system** with **real-time score graphs** for user feedback, designed for **team-based** college competition across two rounds to enhance collaboration and competitiveness.