

SHUBHAM SHARMA

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SUMMARY

- B.Tech CSE graduate with a strong skill set in DevOps and cloud engineering, specializing in designing and deploying scalable, high-performance solutions. Proficient in **Git, CI/CD (GitHub Actions, Jenkins), Ansible, Docker, Kubernetes, Python, Shell-scripting, Nginx, Terraform**, with a solid foundation in automation, infrastructure as code, and seamless application deployment .
- Adept at optimizing workflows, enhancing system reliability, and implementing innovative cloud-native strategies to drive efficiency and scalability.
- Knowledgeable in cloud infrastructure management and optimizing application performance.

TECHNICAL SKILLS

Languages: Python, Shell-scripting.

Deployment Tools: AWS cloud, Microsoft Azure.

Technologies: Git, GitHub, Nginx, CI/CD(GitHub Actions, Jenkins), Ansible, Docker, Kubernetes, Terraform, MongoDB

PROJECTS

Todos-App [🔗](#) | [Html](#), [CSS](#), [ReactJS](#), [MongoDB](#), [Github](#), [Jenkins](#), [Docker](#)

Nov - 2024

- **Full-Stack Development and Deployment:** Built "Todos-App," a full-stack web application using the (MongoDB, ReactJS, CSS). Implemented comprehensive testing, including frontend, backend, and integration tests, to ensure reliability. Configured a CI/CD pipeline with GitHub Actions, containerized the application using Docker, and deployed it on an AWS EC2 instance, enabling smooth deployment and scalability.
- **Frontend & Backend:** Developed the frontend using React and CSS for a dynamic and responsive UI, and the backend using Node.js, Express, and MongoDB for efficient data handling and seamless API communication.
- **Testing & CI/CD Pipeline & Containerization:** Performed unit, frontend, backend, and integration testing to ensure code reliability; configured GitHub Actions for automated testing and deployment; and created an optimized Dockerfile to containerize the application for seamless scalability.

Cloud-Native-Monitoring-App [🔗](#) | [Python](#), [Github](#), [Docker](#)

Jan - 2025

- **Python project and Deployment:** Built "Cloud-Native Monitoring App" using the (Python, Html, CSS) for minimal UI styling. Implemented real-time monitoring and logging. Wrote a Dockerfile to containerize the application and designed it for scalable cloud-native deployment.
- **Development & Monitoring Features:** Built using Python with minimal HTML and CSS for UI. Implemented real-time monitoring and logging.
- **Containerization & Scalability** Wrote a Dockerfile to containerize the application. Designed for cloud-native deployment and efficiency.

INTERNSHIP

BLW [🔗](#)

Oct - 2024

Web Developer Intern, Networking specialization(routing)

Varanasi, India

- Developed web applications using HTML, CSS, JavaScript, ReactJS, and PHP, enhancing efficiency and reducing load time by 30 Percent for better user experience.
- Implemented **responsive design** principles to ensure websites are mobile friendly .
- Developed a dynamic blogging platform where users can create, edit, and publish blog posts. The website supports user authentication, comment sections, and an intuitive UI for seamless navigation.
- Utilized version control systems such as **Git** to manage source code changes.

PW ONLINE COURSE

PW SKILLS

08 2024 – 03 2025

Devops and Cloud Computing

Online Mode

- Worked on a live project deployment during my PW Skills course, setting up CI/CD pipelines, deploying applications on cloud platforms, and integrating monitoring tools for performance tracking. Developed and tested a To-Do app with unit and integration tests, containerized it using Docker, automated deployments with Ansible, orchestrated with Kubernetes, and implemented CI/CD using Jenkins for seamless application management.

CERTIFICATION

GUVI

Oct - 2024

Guvi's DevOps Certificate

India

- The certifications I obtained from Guvi in DevOps tools and fundamentals have significantly enhanced my understanding of modern software development practices .
- Implemented **responsive design** These certifications covered a wide range of critical topics, including continuous integration, continuous delivery, version control, and automated testing.
- I have gained valuable skills that will allow me to streamline development workflows, improve collaboration, and ensure faster delivery of high-quality software
- Utilized version control systems such as **Git** to manage source code changes.

EDUCATION

Kashi Institute Of Technology, Varanasi

2021 – 2025

B.Tech - Computer Science and Engineering - CGPA - 7.5

Varanasi, India