Gopal Vishwakarma

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EDUCATION

Sheth L. U. J. and Sir M. V. College of Science, Commerce and Arts Mumbai, MH
Bachelor of Science in Computer Science *June 2022 – May 2025*

Siddharth College of Arts, Science and Commerce Mumbai, MH
Higher Secondary School Certificate *July 2020 – May 2022*

EXPERIENCE

DevOps Engineer September 2024 – Present
Support Hives Technology LLP *Mumbai, MH*

- Designed and managed **CI/CD** pipelines using **Jenkins**, ensuring fast and reliable deployments.
- Automated server maintenance tasks like backups and log management, improving system reliability with **Bash scripts**.
- Optimized server performance and cloud infrastructure to enhance scalability while managing operational costs.
- Applied regular updates and performed security audits to address vulnerabilities in **Linux** environments.

DevOps Intern April 2024 – September 2024
Support Hives Technology LLP *Mumbai, MH*

- Deployed application updates and fixes using **Docker**, improving system stability and reducing downtime.
- Developed scripts to automate routine tasks and streamline monitoring, reducing manual efforts and enhancing efficiency.
- Conducted root cause analysis for production issues and introduced solutions to minimize recurring errors.

PROJECTS

Dynamic Web Application with Docker and Flask Architecture GitHub: LINK DEMO

- Developed a containerized web application using **Docker**, **Flask**, **NGINX**, **Redis**, and **PostgreSQL**, deployed on **AlmaLinux**.
- Showcased expertise in project deployment, containerization, web development, and database management with a production-ready architecture.
- Utilized **Docker Compose** for orchestration and networking of services, streamlining the management of **Redis**, **PostgreSQL**, and **NGINX**.
- Implemented a contact form with email functionality using **Flask-Mail** and **SMTP** for seamless communication.
- Demonstrated key **DevOps** principles such as containerization, service orchestration, and infrastructure as code.

Seamless Deployment of Node.js Website with Jenkins and Docker GitHub: LINK DEMO

- Automated build and deployment of a **Node.js** app using **Jenkins** and **Docker** on **AlmaLinux**, implementing a full **CI/CD** pipeline.
- Configured **Jenkins** to pull code from **GitHub**, build a **Docker** image, and deploy the application automatically in a container.
- Set up webhooks to trigger **Jenkins** builds on code pushes, ensuring continuous integration and delivery.
- Created a **Dockerfile** for the **Node.js** app, enabling containerization for streamlined deployment and management.
- Configured **Jenkins** to automate the process of stopping, removing, and running **Docker** containers for each deployment cycle.

TECHNICAL SKILLS

Languages: Python, **SQL** (**MySQL**, **PostgreSQL**), **Kotlin**, **HTML/CSS**
Developer Tools: AWS, **Git**, **Docker**, **Kubernetes**, **Jenkins**, **VS Code**, **PyCharm**, **IntelliJ**

ACTIVITIES AND ACHIEVEMENTS

1st Position in **IoT** Innovation Competition - Sheth L.U.J. College of Arts & Sir M.V. College of Science, Commerce and Arts, April 2024.