

# 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 Intern**

April 2024 – Present

*Support Hives Technology LLP*

*Mumbai, MH*

- Assisted in deploying updates, fixes, and implementing **Docker**-based solutions to enhance application stability
- Built tools to reduce errors and improve customer experience by integrating with internal back-end systems
- Performed root cause analysis for production errors and investigated technical issues, improving system reliability
- Developed scripts to automate visualization processes and designed procedures for troubleshooting and maintenance
- Implemented **Jenkins** for continuous integration and delivery (**CI/CD**) to improve automation and streamline deployment pipelines
- Familiar with **cloud services** and deployment processes, contributing to the smooth maintenance of server infrastructure
- Strong understanding of **Linux** operating systems and command-line tools, managing servers and troubleshooting issues in production environments

## 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, Postgres), Kotlin, HTML/CSS

**Developer Tools:** Git, Docker, Jenkins, VS Code, Visual Studio, 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