

Satvik Dubey

Detail-oriented and motivated Computer Science graduate with expertise in Python, SQL, and scripting. Strong problem-solving and troubleshooting skills in technical support, system automation, and database management. Experienced in Linux environments, cloud computing, and DevOps methodologies. Adept at resolving IT issues efficiently and optimizing system performance.

EXPERIENCE

DevOps Intern

NetLink Software Pvt. Ltd. (September 2024 - October 2024, Mandideep)

- Manage Docker Container clusters using docker compose.
- Creating Kafka-Zookeeper production Cluster.
- Managed CI/CD pipeline for end to end automation.

DevOps Intern

Codtech (September 2024 - October 2024, Remote)

- ❖ Managed CI/CD pipelines for automated software deployment.
- ❖ Created Python and Bash scripts for system monitoring and automation.
- ❖ Troubleshooting infrastructure issues, minimizing system downtime.

AI/ML Developer Intern

Interne (August 2024 - September 2024, Remote)

- ❖ Built and optimized ML models with automation and scripting.
- ❖ Conducted data analysis using SQL for decision-making.
- ❖ Developed Python scripts for model deployment and monitoring.

PROJECTS

Skill Sadhana - Learning Management System

- **Role:** Backend Developer
- **Contribution:** Developed and deployed a Learning Management System, for College students and faculty where faculty can share their lectures and students can study there, leveraging the power of Frappe Framework and Python ORM.

AI Quiz Generator:

- **Role:** GenAI Engineer
- **Contribution:** Developed and deployed over Streamlit cloud an advanced quiz generator for education institutions leveraging Langchains with Groq Large Language Model (LLM). Integrated this AI-driven solution within a robust DevOps architecture, ensuring efficient, scalable, and secure operations.

Aira- The Prompt:

- **Role:** GenAI Engineer
- **Contributions:** Developed and deployed an advanced math problem solver and a coding assistant leveraging the Google GEMMA2 Large Language Model (LLM). Integrated this AI-driven solution within a robust DevOps architecture, ensuring efficient, scalable, and secure operations.

DOX - Docker Automation Tool:

- **Role:** DevOps Engineer
- **Contribution:** Developed an automation tool for efficient Docker container management. Integrated intelligent parsing for user commands. Implemented dependency validation for seamless setup.

Nexus:

- **Role:** Machine Learning Developer
- **Contributions:** Developed a Python-based AI voice assistant using NLP and web scraping. Implemented algorithms and integrated various APIs for data extraction and processing.

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SKILLS

❖ Technical Skills:

- **Programming:** Python , Bash Scripting, Frappe, GenAI(basic).
- **Database:** MySQL.
- **Operating Systems:** Linux (Debian, RHEL)
- **Cloud Platforms:** AWS
- **DevOps & Automation:** Docker, OpenShift, CI/CD, Git, Kubernetes
- **Tools:** AiChat, Tgpt, ShellGPT
- ❖ **Soft Skills:** Problem-solving, Communication, Teamwork, Adaptability.

EDUCATION

RGPV University, Bhopal

B.Tech in Computer Science and Engineering
- CGPA 7.64

Vardhaman Public School, Itarsi

10+2
2018 - 2021

LANGUAGES

English
Hindi

CERTIFICATIONS & LEADERSHIPS

- **Red Hat Academy Campus Ambassador (2022 - 2025):** Conducted training and promoted Red Hat certifications.
- **Technical Club Coordinator (Nov 2023 - May 2025):** Organized workshops on Linux administration and automation.

ADDITIONAL INFORMATION

Hobbies: Exploring new technologies, writing poetries, playing flute, sketching, mimicry.

