

DEEPALI VERMA

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[GitHub](#)

[LinkedIn](#)

SUMMARY

Passionate and versatile DevOps enthusiast, Python developer, and AI integrator with hands-on experience in building smart automation tools, CI/CD pipelines, and voice-controlled systems. Skilled in deploying scalable infrastructure on AWS, containerizing apps with Docker, and enhancing productivity with custom-built intelligent tools. Always eager to learn, automate, and optimize systems for better efficiency. Well-versed in Core and Advanced Java, and currently exploring Quantum Computing concepts to expand my expertise in cutting-edge technology domains.

WORK EXPERIENCE

DevOps & Automation Trainee cum Developer | Linux World Info. pvt ltd (May 2025-Present)

- Designed and deployed CI/CD pipelines using Jenkins integrated with GitHub and Docker
- Automated AWS EC2 provisioning and service setup via shell scripts and Python
- Built custom monitoring and backup scripts for Linux-based environments

Teaching Assistant | Coding Ninjas (Nov 2024-Feb 2025)

- Assisted 80+ students in learning **C++** and **Data Structures**.
- Conducted doubt-clearing sessions, resolving **500+** queries with an average rating of 4.7/5

PROJECTS

Cloud AWS Automation :

- Automated provisioning of EC2 instances using Python and Boto3
- Implemented IAM setup and system-level configurations for remote deployment

Jenkins CI/CD Pipeline :

- Created an end-to-end CI/CD pipeline triggered via GitHub using Jenkins
- Dockerized app deployments with environment-specific build stages

Dockerized Web Application :

- Containerized multi-service web app with Docker Compose
- Enabled seamless local development and production deployment

Smart Automation Hub :

- Built a voice-controlled Flask app to execute system-level tasks
- Integrated Gemini AI and LangChain to parse voice input into commands

AI Stock Market Forecasting Dashboard :

- Built an LSTM model to forecast stock prices using real-time data
- Used Gradio for interactive UI and yFinance for financial data fetching

SKILLS

- DevOps:** Jenkins, Docker, GitHub Actions, AWS EC2, Shell Scripting
- Cloud:** AWS EC2, S3, IAM, CloudWatch
- Programming:** Python, Java (Core, Advanced, DSA), JavaScript, Bash
- ML & AI Tools:** TensorFlow, LangChain, Gemini AI, SpeechRecognition, pyttsx3
- Web Technologies:** Flask, Streamlit, React, HTML/CSS
- Tools & Platforms:** Git, GitHub, Netlify, Postman, VS Code, Linux

EDUCATION

Rajasthan Technical University, Kota (2022-2026)

- B.Tech in Computer Science & Engineering | CGPA: 9.5

Kendriya Vidyalaya Phulera

- 12th Grade: 85% | 10th Grade: 83.6%

ACHIEVEMENTS SECTION

- HackerRank** 5-star in C++ & Python
- Solved **500+** DSA problems on LeetCode
- Deloitte Australia Job Simulations – Forage | July 2025
 - Completed simulations in Data Analytics (Tableau, Excel) and Technology (coding, dashboard proposal).