

Lavanya Sharma

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As a computer science beginner DevOps enthusiast with a passion for building and automating scalable and reliable software systems. Experienced in Python and C++. Seeking a growth-oriented company with a diverse team where I can use my skills to make a real impact.

EDUCATION

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT AND GRAMOTHAN

Bachelor of Technology, Major in Computer Science – 9.19/10.0 CGPA (Present)

Relevant Coursework: OOPS, Data Structures & Algorithm, DBMS, OS, Python, Software Engineering

Jaipur, Rajasthan
September 2020 - Present

MOTHERLAND PUBLIC SENIOR SECONDARY SCHOOL

Senior School Certification Examination

Secondary School Examination

Jaipur, Rajasthan
June 2020
March 2018

SKILLS

Programming Languages C, C++, Python

Tools and Frameworks CI/CD pipeline. Git, GitHub, Docker, Kubernetes, Chef, Ansible, Jenkins, Nagios

Cloud Platforms Amazon Web Services (AWS)

Databases MySQL

INTERNSHIPS

CLOUD SOLUTION INTERN – *RajComp Info Services Ltd. (DOIT Jaipur)*

JUL 2023 — SEPT 2023

- Contributions to AWS based project.
- Focused on data management on cloud system with utilizing version control
- Enhanced performance using auto-scalability.

SDE INTERN – *PikPrint*

JUN 2023 — JUL 2023

- Developed a desktop assistant project during an internship using python.
- Integrated voice and speech recognition APIs to enable interaction.
- Project showcased use of QT designer (PyQT).

PROJECTS

AUTOMATED CI/CD DEPLOYMENT PIPELINE

JUL 2023

GitHub, Jenkins, Maven, Nagios

- Streamlined deployment workflow with Jenkins and Git
- Configured the deployment of Java based applications using Maven and Tomcat.
- Monitoring with Nagios

DESKTOP ASSISTANT USING PYTHON

JUN 2023

Python, QT Designer

- Developed an AI powered Desktop Assistant using Python
- Integrated speech-recognition modules for real time speech to text conversion.

CERTIFICATES

Computer Networks and Internet Protocols – Issued by NPTEL, IIT Kharagpur

Cryptography and Network Security – Issued by NPTEL, IIT Kharagpur

Cloud Computing – Issued by NPTEL, IIT Kharagpur

Operations Management – Issued by NPTEL, IIT Roorkee

Developing Soft Skills – Issued by NPTEL, IIT Kanpur