

HARSH PAREEK

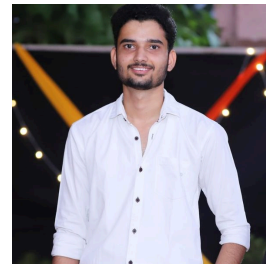
Cloud & DevOps Engineer | Full Stack Developer

✉ harshpareek258@gmail.com ☎ 9352319099 📍 Jaipur, Rajasthan

🔗 harshpareek-dev.netlify.app 🔗 linkedin.com/in/harshpareek258

🐙 github.com/Harshpareek258 📷 instagram.com/harshpurohit001

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SUMMARY

Self-motivated and passionate Cloud & DevOps engineer and full-stack developer with hands-on experience in Docker, Kubernetes, Python, and JavaScript. Proficient in creating real-world apps involving camera, geolocation, email integration, automation scripts, and containerized web services. Currently interning under the mentorship of Vimal Daga Sir, continuously building innovative and industry-ready projects.

EXPERIENCE

Cloud & DevOps Intern, *LinuxWorld Informatics Pvt. Ltd.*

07/2025 – Present

Mentor: Vimal Daga Sir

- Deployed full-stack apps using Node.js, Flask, Docker, and Kubernetes
- Created menu-based CLI app in Docker for Linux utilities
- Set up a multi-node Kubernetes cluster using K3s via k3d
- Exposed NGINX pods via NodePort service with YAML
- Automated container backup using Flask and Cron
- Developed frontend + backend projects using MediaRecorder, EmailJS, and Nodemailer
- Performed RHEL-based Linux tasks via SSH and terminal scripting

EDUCATION

Bachelor of Technology (B.Tech) in Computer Science,

2023 – 2027

Arya College of Engineering, Jaipur

Senior secondary education(12th), *Bajinath shri ram saboo school* = 86 %

Secondary education (10th), *Bajinath shri ram saboo school* =95%

TECHNICAL SKILLS

Cloud & DevOps

Docker, Kubernetes, Jenkins, Terraform, Ansible, GitHub Actions

Programming

Python (Flask, CLI), JavaScript, Java, C, C++

Backend

Node.js, Express.js, Flask

Databases

MySQL, MongoDB

OS & SysAdmin

RHEL, Linux, VirtualBox, SSH

Web

HTML, CSS, JavaScript, TailwindCSS, Bootstrap, EmailJS, MediaRecorder API

Tools

Git, GitHub, Netlify, VS Code

PROJECTS

Webcam Photo Capture

Capture webcam photo and preview it on the page using HTML, JS.

Email Sender with Photo/Video/Message

Node.js + Multer + Nodemailer app to send photos/videos/messages via email.

Dockerized Python CLI Tool

Interactive Python CLI for Linux utilities running inside Docker container.

Flask Backup App in Docker

TUI & Web-based backup system containerized using Docker.

Geolocation Tracker

Display your IP, latitude, longitude, and map using JS + HTML.

Screenshot & Messaging App

Take a webcam photo and send it via email using EmailJS frontend.

Kubernetes Pod Deployment

Deployed NGINX pods using YAML and exposed using NodePort in k3d cluster.

CERTIFICATIONS

- NPTEL: Programming in Java
- NPTEL: Problem Solving through C++
- NPTEL: Problem Solving through C