



SAARTHI - सारथी

करियर मार्गदर्शन पोर्टल · Career Guidance Portal

"सही मार्गदर्शन, उज्ज्वल भविष्य।"

करियर शीट · CAREER SHEET

डेवलपमेंट ऑपरेशंस इंजीनियर

A DevOps Engineer bridges software development and operations. Using automation, CI/CD and cloud tools, they help release software quickly and reliably.



Scan for everything on this career

Salary, exams, colleges, the routes in and the steps after — all on the portal.

career.gsssjethantri.in/#/career/devops-engineer

राजकीय उच्च माध्यमिक विद्यालय, जेठन्तरी

Govt. Sr. Sec. School, Jethantri · ब्लॉक समदड़ी · बालोतरा (Block Samdari · Balotra)

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सुशील कुमार शर्मा

प्रधानाचार्य, रा.उ.मा.वि. जेठन्तरी · मास्टर ट्रेनर
Principal, GSSS Jethantri · Master Trainer



श्री चेनाराम चौधरी

प्रधानाचार्य, डाइट बाड़मेर
Principal, DIET Barmer



श्रीमती संघमित्रा

वरिष्ठ व्याख्याता, डाइट बाड़मेर (सहयोग)
Sr. Lecturer, DIET Barmer (Support)



भरत चौधरी

अभिकल्पना व विकास · व्याख्याता (इतिहास)
Designed & developed · Lecturer (History)

विशेष धन्यवाद · SPECIAL THANKS



सुरेन्द्र सिंह राठौड़

व्याख्याता (इतिहास) · रा.उ.मा.वि. कानाना



सुरेश कुमार सैन

व्याख्याता (भूगोल) · रा.उ.मा.वि. रामसीन मूंगड़ा



वनिता कुमारी

व्याख्याता (इतिहास) · रा.उ.मा.वि. रामसीन मूंगड़ा



कमलेश चौधरी

व्याख्याता (राजनीति विज्ञान) · रा.उ.मा.वि. टापरा

करियर मार्गदर्शन कार्यशाला, डाइट बाड़मेर (14-17 जुलाई 2026) में विकसित व लोकार्पित
Developed & unveiled at the Career Guidance Workshop, DIET Barmer (14-17 July 2026)

यह एक स्वतंत्र परियोजना है, जो सरकार की आधिकारिक करियर-मार्गदर्शन सामग्री पर आधारित है। · An independent project based on the Government's official career-guidance content.

1 About this career

A DevOps Engineer bridges software development and operations. Using automation, CI/CD and cloud tools, they help release software quickly and reliably.

2 At a glance

Minimum qualification	Bachelor's in CS/IT
Core skill	Automation & cloud
Starting salary	INR 4-6 LPA
Work mode	IT companies

3 What you need

INTERESTS

- Enjoy working with computers and systems
- Interest in automating repetitive work
- Like analysing problems

ABILITIES

- Attention to detail
- Clear communication in a team
- Logical problem-solving

KEY SKILLS

- Linux and scripting (Bash, Python)
- Containers & orchestration (Docker, Kubernetes)
- Infrastructure as Code (Terraform)
- Version control (Git)
- CI/CD tools (Jenkins, GitHub Actions)
- Cloud platforms (AWS, Azure, GCP)
- Monitoring & logging (Prometheus, Grafana)

4 How to get there

- 1 Complete Class 12 (Science stream)
- 2 Do a Bachelor's in CS/IT
- 3 Learn Linux, Git and one cloud (AWS/Azure)
- 4 Practise Docker, Kubernetes and CI/CD
- 5 Earn cloud/DevOps certificates and build projects

MAIN EXAMS

- JEE Main / State CET (for engineering entry)
- AWS/Azure/CKA certification exams

5 Where to study

GOVERNMENT INSTITUTES

- MNIT Jaipur — Jaipur, Rajasthan (<https://mnit.ac.in>)
- IIIT Kota — Kota, Rajasthan (<https://iiitkota.ac.in>)
- Government Engineering College Bikaner — Bikaner, Rajasthan (<https://ecb.ac.in>)
- Rajasthan Technical University — Kota, Rajasthan (<https://rtu.ac.in>)

PRIVATE INSTITUTES

- BITS Pilani — Pilani, Rajasthan (<https://www.bits-pilani.ac.in>)
- JECRC University — Jaipur, Rajasthan (<https://www.jecrcuniversity.edu.in>)
- Manipal University Jaipur — Jaipur, Rajasthan (<https://jaipur.manipal.edu>)

ONLINE

- NPTEL / SWAYAM — Online (<https://nptel.ac.in/courses/112107238>)
- IGNOU (दूरस्थ शिक्षा) — Online (<https://www.ignou.ac.in>)
- Udemy / KodeKloud (DevOps) — Online (<https://www.udemy.com>)

FEES

Government courses cost about INR 45,000-2 LPA; private ones INR 2-10 LPA. Online DevOps courses are often free or low-cost.

SCHOLARSHIPS

- National Scholarship Portal (NSP) (<https://scholarships.gov.in>)
- Buddy4Study (<https://www.buddy4study.com>)
- Rajasthan SJE Uchch Shiksha Chhatravriti (<https://sje.rajasthan.gov.in>)
- Vidya Lakshmi Education Loan Portal (<https://www.vidyalakshmi.co.in>)

6 What the work is like

WHERE YOU WORK

IT firms, startups, banks and the IT teams of other companies; freelancing is also possible.

WORK CULTURE

5-6 days a week, 8-9 hours; shifts and on-call are common. Remote work options exist.

WHO HIRES

- | | |
|--------------------------------|-------------------------------|
| • TCS, Infosys, Wipro, HCLTech | • Amazon, Microsoft, Google |
| • Red Hat, IBM | • Jaipur IT startups and GCCs |
| • Banks and fintech companies | • Cloud consulting firms |

DEMAND (2026)

Every company wants to ship software faster, so demand for skilled DevOps and cloud engineers is very high in 2026.

7 Career growth

- 1 Junior DevOps Engineer
- 2 DevOps/Cloud Engineer
- 3 Senior DevOps Engineer
- 4 DevOps Architect

EARNINGS

Starting	₹4–6 LPA
Mid level	₹10–18 LPA
Senior level	₹25–40 LPA

Figures are indicative and vary with skills, certifications and employer (2026).

8 The good parts · The challenges

The good parts

- High demand and good pay
- Many remote-work opportunities
- Constant learning of new technology

The challenges

- On-call duty and high-pressure releases
- Must keep learning fast-changing tools
- Needs many skills together early on

9 Real-life journeys

Abhishek Veeramalla

DevOps & Cloud Instructor (500k+ learners)

Abhishek Veeramalla is an Indian DevOps engineer who runs a free 'Zero to Hero' DevOps course on YouTube and has helped 500k+ learners. His journey shows anyone can grow in this field through steady self-learning.

YouTube · <https://www.youtube.com/@AbhishekVeeramalla>

Jasleen Kaur

DevOps Security Engineer, Martello Technologies

Jasleen Kaur began her career as a security engineer in India in 2015 and went on to work in DevOps security in Canada. She calls herself a self-learner and advises newcomers to keep learning.

Martello Technologies · <https://martellotech.com/blog/martellos-women-in-tech-series-devops-security/>

10 If this route does not work out

One exam or one attempt does not close the door. The same subjects also open these routes — entry is usually easier, and you can return to this field later.

- AI Healthcare Specialist
- AI Education Specialist
- AI UX Designer

11 Sources & further reading

1. Rajasthan Career Guidance (source) — <https://cg.rajasthan.gov.in/careerguidance/hi/career/%e0%a4%a1%e0%a5%87%e0%a4%b5%e0%a4%b2%e0%a4%aa%e0%a4%ae%e0%a5%87%e0%a4%82%e0%a4%9f-%e0%a4%91%e0%a4%aa%e0%a4%b0%e0%a5%87%e0%a4%b6%e0%a4%82%e0%a4%b8-%e0%a4%87%e0%a4%82%e0%a4%9c%e0%a5%80%e0%a4%a8%e0%a4%bf/>
2. NPTEL DevOps course — <https://nptel.ac.in/courses/112107238>
3. AWS Certification — <https://aws.amazon.com/certification/>
4. National Scholarship Portal — <https://scholarships.gov.in>



And 770+ more careers — the whole portal

Interest and aptitude tests, government jobs, skill courses and a CV builder — free, no login, and it works offline.

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