



# SAARTHI - सारथी

करियर मार्गदर्शन पोर्टल · Career Guidance Portal

"सही मार्गदर्शन, उज्ज्वल भविष्य।"

करियर शीट · CAREER SHEET

## प्रौद्योगिकी विशेषज्ञ

Technology specialists implement and improve computer systems, networks, cloud and new technologies in organisations. Digital India and the AI boom keep 2026 demand very high.



### Scan for everything on this career

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

[career.gsssjethantri.in/#/career/eng-6976](https://career.gsssjethantri.in/#/career/eng-6976)

### राजकीय उच्च माध्यमिक विद्यालय, जेठन्तरी

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

[www.gsssjethantri.in](http://www.gsssjethantri.in) · [career.gsssjethantri.in](https://career.gsssjethantri.in)



#### 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

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Technology specialists implement and improve computer systems, networks, cloud and new technologies in organisations. Digital India and the AI boom keep 2026 demand very high.

## 2 At a glance

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|                       |                                               |
|-----------------------|-----------------------------------------------|
| Minimum qualification | Bachelor's in computer science/IT/electronics |
| Work mode             | Mostly desk job, hybrid possible              |
| Demand                | Very high (AI, cloud, cybersecurity)          |
| Top earning           | Above ₹2.5 lakh/month at senior level         |

## 3 What you need

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### INTERESTS

- Creating new and modern things
- Interest in computers and gadgets
- Solving problems

### ABILITIES

- Working with software and equipment
- Understanding relationships between things
- Understanding numbers, data and graphs

### KEY SKILLS

- Programming (Python, Java)
- Networking and system administration
- Understanding of data and AI tools
- Communication and team leadership
- Cloud platforms (AWS, Azure)
- Cybersecurity basics
- Project management (certifications like PMP)

## 4 How to get there

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- 1 Complete Class 12 with physics, chemistry and maths
- 2 Do B.Tech/BCA in computer science, IT or electronics
- 3 Gain hands-on experience via internships and projects
- 4 Earn cloud/security certifications (AWS, Cisco, CISSP)
- 5 Advance with M.Tech or MBA in technology management

### MAIN EXAMS

- JEE Main/Advanced or REAP (Rajasthan) for B.Tech
- BITSAT for BITS Pilani
- GATE for M.Tech
- CAT for MBA

## 5 Where to study

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### GOVERNMENT INSTITUTES

- IIT Jodhpur — Jodhpur, Rajasthan (<https://www.iitj.ac.in>)
- MNIT Jaipur — Jaipur, Rajasthan (<https://www.mnit.ac.in>)
- Rajasthan Technical University (RTU) — Kota, Rajasthan
- Government Engineering College Ajmer — Ajmer, Rajasthan
- MBM University — Jodhpur, Rajasthan (<https://www.mbm.ac.in>)

### PRIVATE INSTITUTES

- BITS Pilani — Pilani, Rajasthan
- Poornima University — Jaipur, Rajasthan

### ONLINE

- IGNOU — Distance education, New Delhi (<https://www.ignou.ac.in>)

### FEES

About ₹50,000-3 lakh per year in government institutes; private institutes may cost more.

### SCHOLARSHIPS

- National Scholarship Portal (NSP) (<https://scholarships.gov.in>)

- Rajasthan SJE Scholarship Portal (<https://sje.rajasthan.gov.in>)
- AICTE Student Schemes (Pragati/Saksham) (<https://www.aicte-india.org>)

## 6 What the work is like

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### WHERE YOU WORK

IT companies, banks and financial institutions, healthcare, government agencies, consulting firms.

### WORK CULTURE

Mostly desk work with occasional client-site travel; overtime near deadlines; remote-hybrid options are growing.

### WHO HIRES

- IT companies like TCS, Infosys, Wipro
- Government agencies (NIC, RajComp)
- Health and education tech companies
- Banks and fintech companies
- Global capability centres (GCCs)
- Startups and consulting firms

### DEMAND (2026)

AI, cloud migration and cybersecurity needs keep hiring of technology specialists strong across sectors in 2026.

## 7 Career growth

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- 1 Technical assistant
- 2 Junior technology specialist
- 3 Technology specialist
- 4 Senior technology specialist
- 5 Technology manager/director (CTO)

## EARNINGS

|              |                    |
|--------------|--------------------|
| Starting     | ₹35,000-60,000     |
| Mid level    | ₹80,000-1,50,000   |
| Senior level | ₹2,00,000-2,50,000 |

Monthly salary; grows quickly with cloud-AI certifications and experience.

## 8 The good parts · The challenges

### The good parts

- High pay and fast career growth
- Job opportunities in every industry
- Remote and global work options

### The challenges

- Technology changes fast, constant learning needed
- Deadline and on-call pressure
- Long screen time

## 9 Real-life journeys

### Satya Nadella

CEO of Microsoft, global tech leader from Hyderabad

Born in Hyderabad, Satya Nadella studied electrical engineering at Manipal and joined Microsoft in 1992. His work in cloud technology made him the company's CEO in 2014.

Wikipedia · [https://en.wikipedia.org/wiki/Satya\\_Nadella](https://en.wikipedia.org/wiki/Satya_Nadella)

### Jyothi Reddy

CEO, Keys Software Solutions, USA

Jyothi Reddy grew up in an orphanage in Telangana and worked as a farm labourer for just five rupees a day. She learned typing and computer software, moved to the USA, and founded Keys Software Solutions in Phoenix. Today she is a successful technology CEO who also supports orphan children across India.

The Better India · <https://thebetterindia.com/336355/jyothi-reddy-inspiring-journey-from-farm-labourer-to-ceo-of-a-billion-dollar-company-usa/>

## 10 Sources & further reading

1. Rajasthan career guidance portal - Technology Specialist — <https://cg.rajasthan.gov.in/careerguidance/hi/career/%e0%a4%aa%e0%a5%8d%e0%a4%b0%e0%a5%8c%e0%a4%a6%e0%a5%8d%e0%a4%af%e0%a5%8b%e0%a4%97%e0%a4%bf%e0%a4%95%e0%a5%80-%e0%a4%b5%e0%a4%bf%e0%a4%b6%e0%a5%87%e0%a4%b7%e0%a4%9c%e0%a5%8d%e0%a4%9e-technology-specia/>
2. National Career Service (NCS) portal — <https://www.ncs.gov.in>
3. AICTE official website — <https://www.aicte-india.org>
4. IGNOU - online and distance courses — <https://www.ignou.ac.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.

[career.gsssjethantri.in](https://career.gsssjethantri.in)