



SAARTHI - सारथी

करियर मार्गदर्शन पोर्टल · Career Guidance Portal

"सही मार्गदर्शन, उज्ज्वल भविष्य।"

करियर शीट · CAREER SHEET

सॉफ्टवेयर डेवलपर

Software developers build the apps, websites and systems that run the world. One of India's fastest-growing, well-paying careers.



Scan for everything on this career

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

career.gsssjethantri.in/#/career/software-developer

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

Software developers build the apps, websites and systems that run the world. One of India's fastest-growing, well-paying careers.

2 At a glance

Minimum qualification	Class 12 (Maths) + B.Tech/BCA/B.Sc CS; or self-taught + portfolio
Work mode	Office / hybrid / remote
Demand	Very high — India's biggest job engine
Top earning	₹50L+/yr (senior / top companies)

3 What you need

INTERESTS

- Solving logic and puzzles
- Building new things
- Technology and computers

ABILITIES

- Logical and abstract thinking
- Problem-solving and patience
- Programming (Python, Java, JS)

KEY SKILLS

- Programming (Python, Java, JavaScript)
- Data structures and algorithms
- Coding in teams (Git)
- Logic and problem-solving
- Working fast with AI tools
- Continuous learning

4 How to get there

- 1 After Class 12 (Maths), a B.Tech/BCA/B.Sc CS; or self-study + coding bootcamp.
- 2 JEE/state CET entrance; build a portfolio through projects and internships.

MAIN EXAMS

- JEE Main (for NITs/IIITs)
- CUET (for university BCA/B.Sc)
- Rajasthan university admissions

5 Where to study

GOVERNMENT INSTITUTES

- MNIT Jaipur —
- IITs / NITs —

PRIVATE INSTITUTES

- BITS Pilani —
- Manipal / VIT —

ONLINE

- NPTEL-Swayam —
- Coursera / freeCodeCamp —

FEES

Govt ₹50k–₹2 lakh/year; private ₹2–5 lakh/year.

SCHOLARSHIPS

- National Scholarship Portal (<https://scholarships.gov.in>)
- Vidya Lakshmi (<https://www.vidyalakshmi.co.in>)

6 What the work is like

WHERE YOU WORK

IT firms, startups, product companies, banks, remote/freelance.

WORK CULTURE

Mostly office/remote, desk-based; constant learning.

WHO HIRES

- IT services companies (TCS, Infosys, Wipro, HCLTech)
- Product companies and startups (Zoho, Flipkart, Razorpay)
- Fintech, e-commerce and telecom companies (Paytm, Jio)
- Global Capability Centres of multinationals (JPMorgan, Walmart, Shell)
- Government departments and PSUs (NIC, ISRO, public-sector banks)
- Freelancing and remote-work platforms (Upwork, Toptal)

DEMAND (2026)

IT hiring in 2026 is selective rather than mass-scale — campus offers at big services firms have shrunk, but Infosys still plans around 20,000 hires backed by AI training, and Global Capability Centres are the bright spot with openings growing about 12% month-on-month. Demand is strongest for developers who pair coding with AI, cloud and cybersecurity skills.

7 Career growth

- 1 Junior Developer
- 2 Software Developer
- 3 Senior / Tech Lead
- 4 Architect / Engineering Manager

EARNINGS

Starting	₹4–8 लाख/वर्ष
Mid level	₹10–25 लाख/वर्ष
Senior level	₹30–80+ लाख/वर्ष

Much higher at top product companies. (2026 estimate)

8 The good parts · The challenges

The good parts

- High pay and fast growth
- Remote work — world-class jobs even from a village
- Paths without costly degrees (portfolio/open-source)

The challenges

- Must keep learning new tech
- Long hours at a screen
- AI is changing routine coding — higher skills needed

9 Real-life journeys

Kailash Nadh

Self-taught coder, Chief Technology Officer of Zerodha

Kailash Nadh never studied at a famous engineering college — he began teaching himself to code as a school-going teenager, building his own websites and even a blogging platform just for the joy of it. Learning step by step, he went on to earn a PhD in artificial intelligence from Middlesex University in London. In 2013 he started Zerodha's technology team and built, from scratch, the trading platforms that millions of Indians rely on today. He says what you have built matters more than your degree — so keep building, breaking, and tinkering.

Wikipedia · https://en.wikipedia.org/wiki/Kailash_Nadh

Malvika Raj Joshi

Programming Olympiad medallist who earned an MIT computer science scholarship

Malvika Joshi from Mumbai left school after Class 7 and studied at home, following her own interests. She fell in love with computer programming and won medals three times at the International Olympiad in Informatics. She had no Class 10 or Class 12 certificate, yet at just 17 the world-famous MIT in America chose her for a scholarship to study computer science. Her story shows that real skill, not just marks and certificates, opens the world's doors.

The Better India · <https://thebetterindia.com/66709/malvika-joshi-homeschooling-mit/>

Suhas Gopinath

Self-taught web developer, founder of Globals Inc.

Suhas Gopinath grew up in an ordinary family in Bengaluru and did not even have a computer at home. He would go to a nearby internet cafe, and with the help of books and the internet he taught himself how to build websites. At 14 he made his first website and started his own company, Globals Inc., and by 17 he was regarded as the world's youngest CEO. The European Parliament honoured him with a Young Achiever Award — all of it achieved not with costly resources, but with determination and hard work.

Wikipedia · https://en.wikipedia.org/wiki/Suhas_Gopinath

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 Research Scientist
- AI Ethics Researcher
- Database Administrator

11 Sources & further reading

1. NASSCOM (Indian IT industry body) — <https://nasscom.in>
2. Skill India Digital — <https://www.skillindiadigital.gov.in>
3. National Career Service (NCS) — <https://www.ncs.gov.in>

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