

Career Roadmap

A practical roadmap to help students, freshers and working professionals move from learning and skill-building to projects, portfolio development and career opportunities.

FOR

Students · Freshers · Working Professionals

FORMAT

Roadmap + Planning Worksheet

HOW TO USE THIS ROADMAP

Choose a target role, identify the skills it requires, build practical evidence through projects, strengthen your professional profile, and review your progress regularly. The goal is direction and consistent action—not trying to learn everything at once.

Build Skills. Create Opportunities. Go Global.

Choose a Career Direction

Start with a clear target before choosing technologies or courses.

Target Role

- Write down one primary role you are currently targeting.
- Read 5–10 current job descriptions for that role.
- Note the recurring skills, tools and responsibilities.
- Identify which requirements you already understand.
- Mark the skills where you need more learning or practice.
- Choose a realistic starting role based on your current level.

CAREER DIRECTION CHECK

A good starting direction connects your interests, current skills, practical opportunities and the requirements you see repeatedly in relevant roles.

My target role

Primary role _____

Why this role _____

Skills I already have _____

Skills I need to build _____

Possible directions to explore

- **Development & Programming** Python · Java · C/C++ · Full Stack
- **Data & Analytics** Excel · SQL · Power BI · Tableau · Python
- **AI & Data Science** Data Science · ML · AI · GenAI
- **Cloud / DevOps / Security** Cloud · DevOps · Testing · Cybersecurity

Build the Skills Your Target Role Needs

Use job requirements to decide what deserves the most attention.

Core Foundation

- Programming fundamentals and logical problem-solving.
- Git and GitHub fundamentals.
- Data structures and algorithms, where relevant to the role.
- APIs and HTTP basics for software and web roles.
- Database and SQL fundamentals.
- Debugging and a structured problem-solving approach.

Role-Specific Skills

- Frontend fundamentals
- Database design
- Backend fundamentals
- Basic security concepts
- REST APIs
- Performance considerations
- Authentication and authorization
- Testing and error handling

LEARNING RULE

Prioritize skills that appear repeatedly in the roles you want. Build enough understanding to explain the concept, use the tool and apply it in a practical task.

My skill priorities

Skill 1 _____

Skill 2 _____

Skill 3 _____

Skill 4 _____

Turn Learning Into Practical Evidence

Projects help you demonstrate what you can actually do.

Project Checklist

- Choose projects connected to your target role.
- Keep your code, files and documentation organized.
- Start with a small project you can finish.
- Write a short explanation of what you built.
- Define the problem, objective and expected outcome.
- Record your individual contribution if working in a team.
- Use technologies you can explain confidently.
- Improve at least one project after completing the first version.

Portfolio Evidence

PROJECT	WHAT IT SHOWS	STATUS
Project 1	Skills, tools and problem solved	_____
Project 2	Practical application and results	_____
Project 3	Advanced or role-specific skills	_____

PROJECT TEST

Can you explain the project goal, your contribution, the main technical decision, one challenge you faced, how you solved it, and what you would improve next?

My portfolio priorities

Project to build _____

Project to improve _____

Portfolio/profile update _____

Prepare Your Professional Profile

Make your skills easy for a recruiter or hiring team to understand.

Profile Checklist

- Update your resume for the target role.
- Practice explaining your projects in 2–3 minutes.
- Use clear, role-relevant skills and project descriptions.
- Prepare examples of problem-solving and teamwork.
- Keep your GitHub or portfolio updated, where relevant.
- Prepare questions you can ask during an interview.
- Prepare a short introduction about yourself.
- Track applications and follow-ups in one place.

Career Readiness Snapshot

AREA	READY?	NEXT ACTION
Resume	■ Yes ■ Not yet	_____
Projects	■ Yes ■ Not yet	_____
Portfolio / GitHub	■ Yes ■ Not yet	_____
Interview preparation	■ Yes ■ Not yet	_____
Applications	■ Yes ■ Not yet	_____

CAREER RULE

Keep your profile truthful and be prepared to explain the work you claim. Strong career evidence comes from understanding, practice and consistent improvement.

My next three career actions

Action 1 _____

Action 2 _____

Action 3 _____

Build Your 90-Day Roadmap

Break the larger career goal into focused stages and review your progress.

90-Day Plan

STAGE	FOCUS	OUTPUT
Days 1–30	Learn core and role-specific fundamentals	Notes + practice tasks
Days 31–60	Build and improve practical projects	1–2 portfolio projects
Days 61–90	Polish profile and begin focused applications	Resume + portfolio + applications

Weekly Review

- What did I learn this week?
- What did I practice?
- What did I build or improve?
- What problem did I solve?
- What will I focus on next week?

My weekly goals

Goal 1 _____

Goal 2 _____

Goal 3 _____

FINAL REMINDER

A career roadmap is a working plan, not a fixed promise. Review your target role, skills, projects and progress regularly, and adjust your next step when your goals or opportunities change.

BUILD SKILLS. CREATE OPPORTUNITIES. GO GLOBAL.