

Practical Mini Projects for Beginners: 30 Days Challenge

Subtitle: Build 30 small projects in 30 days to level up your coding skills quickly.

Website Name: haas.dev

Website Link: <https://dev-roast-app.vercel.app>

Introduction

Learning by doing is the fastest way to improve. This 30-day challenge gives beginners **daily mini-projects** to practice coding, frontend, backend, and API integration. By the end, you'll have a small but solid portfolio of practical projects.

Week 1: Basics & Frontend

Goal: Learn HTML, CSS, JavaScript fundamentals

1. Day 1 – Portfolio landing page (HTML + CSS)
 2. Day 2 – Simple calculator (JS)
 3. Day 3 – To-Do list (JS + DOM)
 4. Day 4 – Random quote generator (JS + DOM)
 5. Day 5 – Color picker tool (JS + DOM)
 6. Day 6 – Personal profile card (CSS flexbox)
 7. Day 7 – Image gallery with hover effects (CSS Grid + JS)
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Week 2: Intermediate Frontend & APIs

Goal: Add interactivity and fetch live data

8. Day 8 – Weather app (API integration)
9. Day 9 – Currency converter (API)
10. Day 10 – Movie search app (API + JS)
11. Day 11 – Simple quiz app (JS + DOM)
12. Day 12 – Countdown timer (JS + DOM)

13. Day 13 – Random meal generator (API)

14. Day 14 – Notes app (localStorage + JS)

Week 3: Backend Basics

Goal: Learn Node.js / Express / Databases

15. Day 15 – Simple REST API (Node.js + Express)

16. Day 16 – CRUD operations with JSON file storage

17. Day 17 – User registration API (mock data)

18. Day 18 – Simple blog backend (Node + Express + JSON)

19. Day 19 – Task manager API (CRUD + JSON)

20. Day 20 – API for movies or books (data storage + endpoints)

21. Day 21 – Connect frontend to backend API (example: To-Do app)

Week 4: Full-Stack & Portfolio Integration

Goal: Build small full-stack projects and deploy

22. Day 22 – Full-stack To-Do app (React + Node.js)

23. Day 23 – Expense tracker (React + backend)

24. Day 24 – Simple chat app (frontend + backend)

25. Day 25 – Blog platform (full-stack, CRUD + auth)

26. Day 26 – Weather dashboard (React + API + backend caching)

27. Day 27 – Movie recommendation app (API + frontend + backend)

28. Day 28 – Personal portfolio integration (link live projects)

29. Day 29 – Add README.md + screenshots for all projects

30. Day 30 – Deploy 3–5 key projects online and share GitHub links

Tips for Success

- Spend **1–2 hours daily** on each mini-project
- Focus on **completeness, not perfection**

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- Reuse components from previous projects to save time
 - Test and debug each project
 - Document every project with a **short description + screenshot**
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Key Takeaways

- Daily practice accelerates skill-building
 - Mini-projects → portfolio-ready projects → recruiter-ready skills
 - Focus on **learning + building + deploying**
 - By Day 30, you'll have a strong foundation in frontend, backend, and APIs
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Visit **haas.dev** for project templates, step-by-step coding tutorials, and portfolio-building resources.

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