| **Project** | **Why It’s Unique** | | **Key Concepts** | |
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| **QR Code Generator** | Input any text/URL, instantly render a downloadable QR code graphic. | | Canvas (or SVG), third‑party lib (like qrcode.js), Blob/URL download | |
| **Random Recipe Generator** 🥘 | | Fetch a recipe from a public API (theme: cocktails, meals, etc.) on button click. | | Public REST API, dynamic templating |

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|  | **Password Strength Meter** 🔒 | As user types, show live strength feedback (colors, suggestions). | Regex checks, dynamic CSS updates |

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| **Interactive Periodic Table** 🧪 |

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| Hover or click an element to see its properties (mass, electronegativity, etc.). |

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| Data-driven DOM, tooltips, CSS grid/flexbox |

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| **Goal Tracker with Streaks** 🔥 |

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| Tracks habits + shows streak progress (like GitHub heatmap) |

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| LocalStorage, CSS grid |
| **"Decide For Me" Wheel** 🎡 | |

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| User enters options → click to spin a wheel → random result |

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| Canvas / SVG, animations | |
| **Micro Resume Builder** 🧾 | Input name/skills → creates a styled downloadable mini-resume | | JS templating, HTML to PDF |

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|  | **One-Sentence Journal** 📔 | You can only write 1 sentence per day → saved + shown as timeline | Date control, LocalStorage, UI timeline |