

1. Web Development

- 1. Personal Portfolio Website**
- 2. Blog Platform with User Authentication**
- 3. E-commerce Website with Payment Integration**
- 4. Recipe Sharing Platform**
- 5. Event Management System**
- 6. Online Learning Management System**
- 7. Real Estate Listing Website**
- 8. Fitness Tracker Web App**
- 9. Job Board Platform**
- 10. Online Bookstore**

2. Mobile App Development

- 11. Task Management App**
- 12. Budget Tracker App**
- 13. Language Learning App**
- 14. Fitness Tracker App**
- 15. Recipe Finder App**
- 16. Travel Planning App**
- 17. Daily Habit Tracker**
- 18. Local Event Finder App**
- 19. Meditation and Relaxation App**
- 20. Expense Splitter App**

3. Data Science and Machine Learning

- 21. Stock Price Prediction System**
- 22. Customer Segmentation Analysis**
- 23. Spam Email Classifier**
- 24. Sentiment Analysis on Social Media**
- 25. Image Classification System**
- 26. Recommendation System for Movies**
- 27. Predictive Text Generator**
- 28. House Price Prediction Model**
- 29. Fraud Detection System**
- 30. Customer Churn Prediction**

4. Cybersecurity

- 31. Password Strength Checker**
- 32. Network Intrusion Detection System**

33. **Phishing Detection Tool**
34. **Malware Analysis Tool**
35. **Encryption and Decryption Application**
36. **Secure File Sharing System**
37. **Vulnerability Scanner**
38. **Two-Factor Authentication System**
39. **Firewall Configuration Tool**
40. **Data Breach Detection System**

5. Database Management

41. **Library Management System**
42. **Hospital Management System**
43. **Student Information System**
44. **Inventory Management System**
45. **Online Ticket Booking System**
46. **Employee Management System**
47. **Customer Relationship Management (CRM) System**
48. **Appointment Scheduling System**
49. **Expense Tracking System**
50. **Hotel Reservation System**

6. Game Development

51. **Tic-Tac-Toe Game**
52. **Memory Card Game**
53. **Simple 2D Platformer Game**
54. **Puzzle Game**
55. **Quiz Game with Leaderboards**
56. **Snake Game**
57. **Connect Four Game**
58. **Hangman Game**
59. **Space Invaders Clone**
60. **Racing Game**

7. Internet of Things (IoT)

61. **Smart Home Automation System**
62. **Temperature Monitoring System**
63. **Smart Irrigation System**
64. **Wearable Fitness Tracker**
65. **Smart Parking System**
66. **IoT-Based Weather Station**
67. **Home Security System**

- 68. Energy Consumption Monitoring System
- 69. Smart Light Control System
- 70. IoT-Based Air Quality Monitor

8. Cloud Computing

- 71. Cloud-Based File Storage System
- 72. Serverless Web Application
- 73. Cloud-Based Chat Application
- 74. Document Collaboration Platform
- 75. Cloud-Based Backup System
- 76. Virtual Machine Management System
- 77. Online Photo Gallery
- 78. Cloud-Based Task Management App
- 79. Web-Based Code Editor
- 80. Cloud Resource Monitoring Tool

9. Software Development

- 81. Note-Taking Application
- 82. Simple Calculator
- 83. Text Editor with Syntax Highlighting
- 84. File Compression Tool
- 85. Password Manager
- 86. Desktop Weather App
- 87. To-Do List App with Notifications
- 88. Barcode Scanner Application
- 89. Simple Chat Application
- 90. Personal Finance Management Tool

10. Automation and Scripting

- 91. Web Scraping Tool
- 92. Automated Email Sender
- 93. File Organizer Script
- 94. Data Backup Automation Tool
- 95. Bulk Image Resizer
- 96. Automated Report Generator
- 97. Social Media Post Scheduler
- 98. Database Cleanup Script
- 99. Website Performance Monitoring Script
- 100. Automated Testing Tool

11. Artificial Intelligence

101. **Chatbot for Customer Support**
102. **Facial Recognition System**
103. **AI-Based Personal Assistant**
104. **Text-to-Speech Converter**
105. **Speech Recognition System**
106. **AI-Powered News Aggregator**
107. **Object Detection in Images**
108. **AI-Based Recommendation Engine**
109. **Automated Content Generation**
110. **Voice-Activated Application**

12. Network Management

111. **Network Performance Monitoring Tool**
112. **Bandwidth Usage Analyzer**
113. **Network Traffic Analyzer**
114. **Simple Network Scanner**
115. **Network Map Visualizer**
116. **IP Address Management Tool**
117. **Network Configuration Management**
118. **Wi-Fi Signal Strength Analyzer**
119. **Bandwidth Throttling Tool**
120. **VPN Management System**

13. Human-Computer Interaction

121. **Voice-Controlled Application**
122. **Gesture-Based Interface**
123. **User Experience (UX) Survey Tool**
124. **Accessibility Enhancements for Web Apps**
125. **Interactive Data Visualization Tool**
126. **Eye-Tracking System**
127. **Customizable User Interface Theme**
128. **Virtual Reality Interface**
129. **Augmented Reality Application**
130. **User Feedback Collection System**

14. Blockchain and Cryptocurrency

131. **Simple Cryptocurrency Wallet**
132. **Blockchain-Based Voting System**
133. **Decentralized File Storage System**
134. **Smart Contract for Transactions**
135. **Token Creation on a Blockchain**

- 136. **Blockchain-Based Supply Chain Tracker**
- 137. **Cryptocurrency Price Tracker**
- 138. **NFT Creation and Management System**
- 139. **Blockchain-Based Identity Verification**
- 140. **Decentralized Exchange Platform**

15. Embedded Systems

- 141. **Smart Temperature Control System**
- 142. **Embedded Weather Station**
- 143. **Home Automation with Arduino**
- 144. **IoT-Based Smart Lock System**
- 145. **Embedded Health Monitoring Device**
- 146. **Automatic Plant Watering System**
- 147. **Smart Alarm System**
- 148. **Embedded Car Parking Sensor**
- 149. **Energy Meter with Microcontroller**
- 150. **Embedded Traffic Light Control System**

16. Augmented Reality (AR) and Virtual Reality (VR)

- 151. **AR-Based Shopping Experience**
- 152. **VR Tour of Historical Sites**
- 153. **AR Navigation Application**
- 154. **VR-Based Learning Module**
- 155. **AR Furniture Placement Tool**
- 156. **VR Fitness Training App**
- 157. **AR-Based Game**
- 158. **VR Therapy Application**
- 159. **AR Educational App for Kids**
- 160. **VR Travel Experience**

17. Data Visualization

- 161. **Interactive Dashboard for Sales Data**
- 162. **Real-Time Data Visualization Tool**
- 163. **Geographical Data Mapping Application**
- 164. **Customizable Charts and Graphs Generator**
- 165. **Data Analysis and Visualization Tool**
- 166. **Stock Market Visualization Dashboard**
- 167. **Population Growth Visualization**
- 168. **Weather Data Visualization**
- 169. **Business Intelligence Reporting Tool**
- 170. **Healthcare Data Visualization System**

18. Robotics

- 171. **Line Following Robot**
- 172. **Obstacle Avoidance Robot**
- 173. **Voice-Controlled Robot**
- 174. **Robot Arm for Sorting Objects**
- 175. **Automated Delivery Robot**
- 176. **Home Surveillance Robot**
- 177. **Robot for Simple Task Automation**
- 178. **Remote-Controlled Car**
- 179. **Maze Solving Robot**
- 180. **Robot for Educational Purposes**

19. Game Design

- 181. **Text-Based Adventure Game**
- 182. **2D Puzzle Game**
- 183. **Strategy Board Game**
- 184. **Platformer Game**
- 185. **Interactive Story Game**
- 186. **Endless Runner Game**
- 187. **Card Game with AI Opponent**
- 188. **Multiplayer Online Game**
- 189. **Educational Game for Kids**
- 190. **Augmented Reality Game**

20. System Administration

- 191. **Automated System Backup Tool**
- 192. **Server Monitoring Dashboard**
- 193. **System Resource Usage Analyzer**
- 194. **Network Configuration Management Tool**
- 195. **User Account Management System**
- 196. **Log File Analysis Tool**
- 197. **Disk Space Monitoring Tool**
- 198. **Automated Security Patch Management**
- 199. **Virtual Machine Management System**
- 200. **Custom System Health Check Script**

Feel free to customize or combine these ideas to fit specific interests or project requirements!