### 1. Artificial Intelligence & Machine Learning

- 1. Intelligent Chatbot for Customer Service
- Image Recognition System
- 3. Voice Assistant with Natural Language Processing
- 4. Sentiment Analysis Tool
- 5. Fraud Detection System
- 6. Recommender System for E-Commerce
- 7. Al-Based Healthcare Diagnosis
- 8. Autonomous Vehicle Navigation System
- 9. Face Recognition Security System
- 10. Predictive Analytics for Stock Market
- 11. Machine Translation System
- 12. Automated Essay Scoring System
- 13. Disease Prediction and Diagnosis System
- 14. Al-Based Personal Finance Advisor
- 15. Emotion Detection from Text or Speech
- 16. Al-Based Video Surveillance System
- 17. Real-Time Language Translation App
- 18. Neural Network for Music Generation
- 19. Deep Learning-Based Image Enhancement
- 20. Al-Powered Virtual Reality Experience

## 2. Data Science & Big Data

- 21. Big Data Analytics Platform
- 22. Real-Time Data Streaming System
- 23. Predictive Maintenance Using IoT
- 24. Data Visualization Tool
- 25. Social Media Analytics Platform
- 26. Customer Segmentation System
- 27. Real-Time Traffic Management System
- 28. Sales Forecasting Model
- 29. Smart Agriculture System
- 30. Data Warehouse Design and Implementation
- 31. Sentiment Analysis on Social Media
- 32. Energy Consumption Optimization
- 33. Healthcare Data Analytics
- 34. Genomic Data Analysis Tool
- 35. Big Data Processing with Hadoop
- 36. Real-Time Financial Market Analysis
- 37. Personalized Content Recommendation
- 38. Fraud Detection in Financial Transactions

- 39. Anomaly Detection in Network Traffic
- 40. E-Commerce Sales Analysis

### 3. Cybersecurity

- 41. Intrusion Detection System
- 42. Secure File Encryption Tool
- 43. Phishing Detection System
- 44. Blockchain-Based Voting System
- 45. Password Cracking and Protection Analysis
- 46. Network Traffic Analysis for Security
- 47. Secure Messaging Application
- 48. Digital Forensics Tool
- 49. Vulnerability Assessment Platform
- 50. Threat Intelligence System
- 51. Cloud Security Monitoring
- 52. Access Control System
- 53. Web Application Firewall
- 54. Secure IoT Device Communication
- 55. Automated Penetration Testing Tool
- 56. Cyber Attack Simulation
- 57. Encryption Algorithm Development
- 58. Biometric Authentication System
- 59. Security Information and Event Management (SIEM) System
- 60. Privacy-Preserving Data Mining

# 4. Software Development

- 61. Personal Finance Management App
- 62. Smart Home Automation System
- 63. Inventory Management System
- 64. E-Learning Platform
- 65. Health and Fitness Tracker
- 66. Project Management Tool
- 67. Online Reservation System
- 68. CRM Software for Small Businesses
- 69. Event Management System
- 70. Virtual Reality Game
- 71. Custom Content Management System
- 72. Collaborative Workspace Tool
- 73. Peer-to-Peer File Sharing System
- 74. Digital Library Management System
- 75. Online Banking System
- 76. Recipe Recommendation System

- 77. Real Estate Management System
- 78. Travel Booking System
- 79. Automated Test Case Generation Tool
- 80. Restaurant Ordering System

### 5. Embedded Systems & IoT

- 81. Smart Home Energy Management
- 82. IoT-Based Smart Agriculture
- 83. Wearable Health Monitoring Device
- 84. Intelligent Traffic Light Control
- 85. Smart Parking System
- 86. Automated Irrigation System
- 87. IoT-Based Environmental Monitoring
- 88. Home Security System with IoT
- 89. Smart Waste Management System
- 90. IoT-Based Fleet Management
- 91. Remote Weather Monitoring Station
- 92. Industrial IoT for Predictive Maintenance
- 93. Smart Lighting System
- 94. IoT-Enabled Smart Metering
- 95. Personal Fitness Tracker
- 96. Automated Pet Feeder
- 97. Smart Plant Care System
- 98. IoT-Based Home Automation
- 99. Intelligent Water Quality Monitoring
- 100. Real-Time Energy Consumption Monitoring

# 6. Human-Computer Interaction

- 101. Augmented Reality Application
- 102. Gesture-Based Control System
- 103. Virtual Reality Therapy Application
- 104. Eye-Tracking Interface
- 105. Brain-Computer Interface
- 106. Smart Glove for Haptic Feedback
- 107. Personalized Learning Experience Platform
- 108. Touchless Gesture Recognition System
- 109. Emotion-Aware User Interface
- 110. Adaptive User Experience Design
- 111. Interactive Museum Guide
- 112. Voice-Controlled Home Automation
- 113. Accessibility Tools for Disabled Users
- 114. Wearable User Interface

- 115. Multi-Touch Interactive Table
- 116. Haptic Feedback in Virtual Reality
- 117. Personalized Virtual Assistant
- 118. Real-Time Translation Glasses
- 119. Gesture-Controlled Gaming
- 120. Immersive Learning Environment

### 7. Networking & Distributed Systems

- 121. Peer-to-Peer Network for File Sharing
- 122. Distributed File System
- 123. Network Traffic Management System
- 124. Decentralized Social Network
- 125. Real-Time Communication Protocol
- 126. Cloud-Based Storage Solution
- 127. Multi-Tier Architecture for Web Applications
- 128. Network Simulation Tool
- 129. Load Balancing in Distributed Systems
- 130. VPN Service with Enhanced Security
- 131. IoT Network Management
- 132. Distributed Ledger Technology
- 133. High-Performance Computing Cluster
- 134. Secure Communication Channels
- 135. Mesh Networking for Remote Areas
- 136. Peer-to-Peer Payment System
- 137. Network Anomaly Detection System
- 138. Cloud Resource Allocation System
- 139. Real-Time Data Synchronization
- 140. Distributed Data Processing Framework

## 8. Database Systems

- 141. Scalable Database Management System
- 142. NoSQL Database Implementation
- 143. Data Warehousing and ETL Process
- 144. Relational Database Optimization
- 145. Real-Time Data Synchronization
- 146. Distributed Database System
- 147. Database Security and Encryption
- 148. SQL Query Optimization Tool
- 149. Custom Database Design for Healthcare
- 150. Online Database Management System
- 151. Data Backup and Recovery System
- 152. High-Performance Query Processor

- 153. Database Migration Tool
- 154. Data Integrity Verification System
- 155. Cloud-Based Database Solution
- 156. Real-Time Analytics with SQL
- 157. Advanced Database Indexing Techniques
- 158. Database Management for IoT Data
- 159. Personalized Database Recommendation System
- 160. Scalable Data Access Framework

### 9. Computer Vision

- 161. Object Detection and Tracking System
- 162. Real-Time Face Recognition System
- 163. Optical Character Recognition (OCR) System
- 164. Automated Video Surveillance
- 165. Augmented Reality Navigation System
- 166. Gesture Recognition System
- 167. Image-Based Document Classification
- 168. Facial Emotion Recognition
- 169. Autonomous Drone Navigation
- 170. Medical Image Analysis Tool
- 171. License Plate Recognition System
- 172. Scene Understanding for Self-Driving Cars
- 173. 3D Object Reconstruction from Images
- 174. Image Restoration and Enhancement
- 175. Visual Search Engine
- 176. Handwriting Recognition System
- 177. Image Stitching for Panoramas
- 178. Real-Time Image Processing for Robotics
- 179. Smart Glasses with Augmented Reality
- 180. Video Summarization System

#### 10. Robotics

- 181. Autonomous Robot Navigation
- 182. Robot-Assisted Surgery System
- 183. Smart Home Robot Assistant
- 184. Robotic Arm for Industrial Automation
- 185. Swarm Robotics for Environmental Monitoring
- 186. Human-Robot Interaction System
- 187. Robot for Hazardous Material Handling
- 188. Educational Robot for Learning Programming
- 189. Search and Rescue Robot
- 190. Delivery Robot for Logistics

- 191. Robot for Agricultural Tasks
- 192. Self-Balancing Robot
- 193. Robot for Cleaning and Maintenance
- 194. Robot Simulation Environment
- 195. Autonomous Underwater Robot
- 196. Robot for Home Security Surveillance
- 197. Wearable Robot for Assistance
- 198. Interactive Toy Robot
- 199. Robot for Elderly Care
- 200. Multi-Functional Service Robot
- 181.