8 Node.js
Project ideas

If you want to learn Node.js then the best way is by building projects

here are 9 project ideas for you

URL Shortener

🐱 Create a URL shortening service that takes a long URL as input and generates a shortened version.

🐱 When a user visits the shortened URL, they should be redirected to the original long URL.

🐱 You can use Express and a database like MongoDB to store the mappings between the short and long URLs.

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Expense Tracker

🐱 Develop an expense tracking application where users can input their expenses, categorize them, and generate reports or visualizations of their spending habits.

🐱 You can use packages like Chart.js or Plotly.js to create charts and graphs.

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File Uploader

🐱 Create a file uploader using Node.js and a package like multer.

🐱 Users should be able to select and upload files, which should be stored on the server.

🐱 You can add features like file validation, resizing, and handling different file types.

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Currency Converter

🐱 Create a currency converter application that fetches real-time exchange rates from an API and allows users to convert between different currencies.

🐱 You can use packages like axios to make API requests and display the converted results.

To-Do App

🐱 **Build a command-line to-do list application using Node.js.**

🐱 **Users should be able to add, delete, and mark tasks as completed.**

🐱 **You can use libraries like readline or inquirer to interact with the user through the command line.**

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Web Scraper

🐱 Create a web scraping tool that extracts specific information from web pages.

🐱 Users should be able to provide a URL and specify the elements or data they want to scrape.

🐱 You can use packages like Cheerio or Puppeteer for web scraping.

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Authentication System

🐱 Implement user authentication and registration using Node.js and a package like Passport.js.

🐱 Users should be able to sign up, log in, and log out.

🐱 You can use a database like MongoDB to store user information securely.

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Chat App

🐱 **Build a real-time chat application using Node.js and Socket.IO.**

🐱 **Users should be able to join chat rooms, send messages, and receive messages in real-time.**

🐱 **Socket.IO makes it easy to implement real-time communication between the server and clients.**