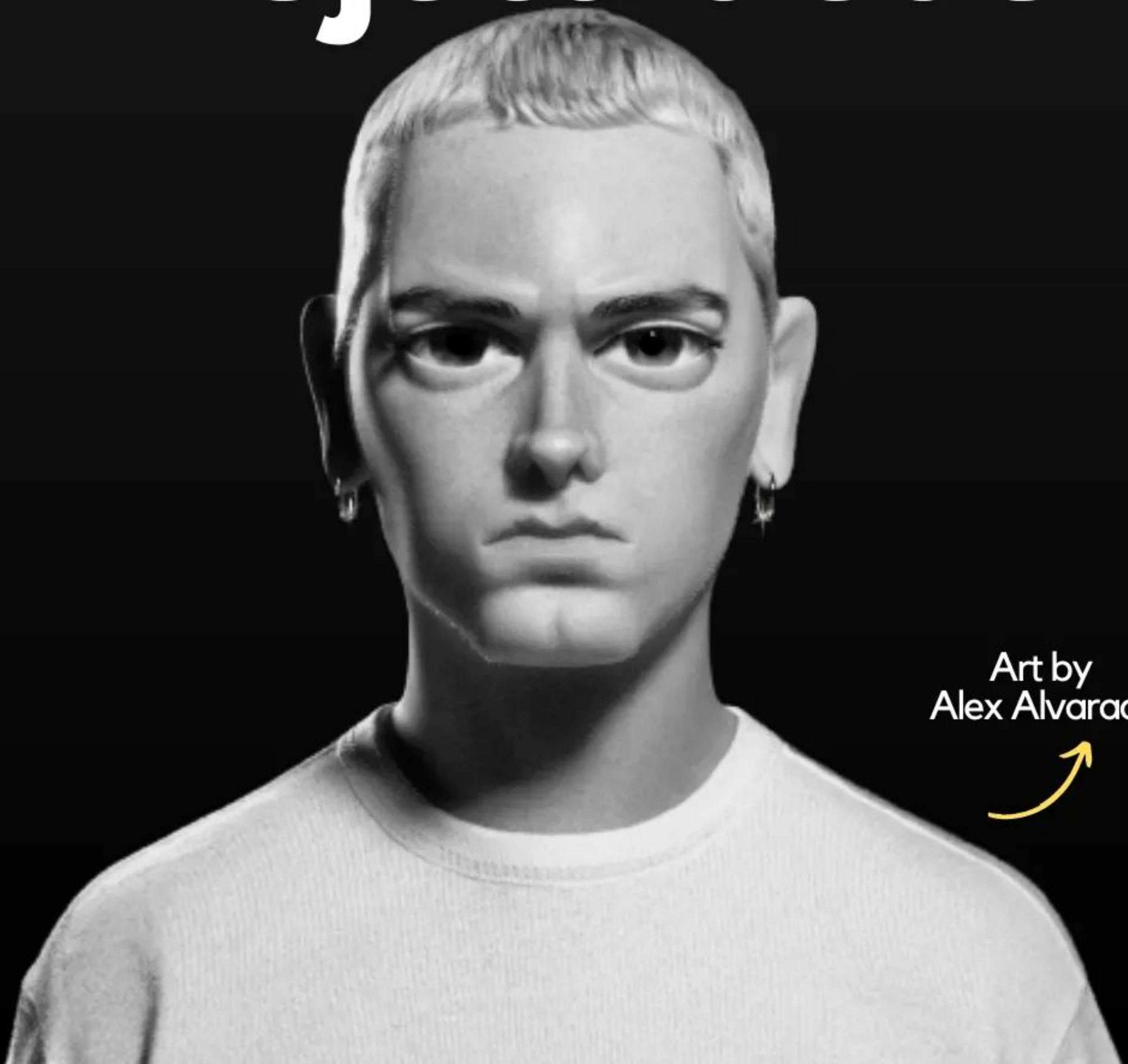




8 Node.js Project ideas



Art by
Alex Alvarado





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




**here are 9 project
ideas for you**





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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.

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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.

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