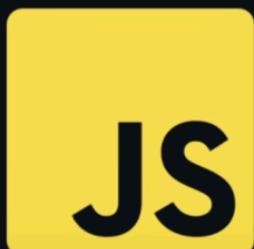


A Simple Guide to Backend Languages

 JavaScript Mastery



ex



Backend Languages

To build APIs, you need a **backend language**.

Let's explore **the most common languages & tools** used for fetching and processing data!



Popular Choices

You can **build your backend** using languages such as:

 **Python**

 **Ruby**

 **Java**

 **JavaScript runtimes** like Node.js, Bun, or

Deno



Writing a Server

If I had to quickly show you how to create a **simple Node.js server**, it would look something like this:

```
// Create the server
const server = http.createServer((req, res) => {
  // Parse the URL of the incoming request
  const parsedUrl = url.parse(req.url, true);

  // Set the response header
  res.setHeader('Content-Type', 'text/plain');
```

Yes, writing everything from scratch **can feel overwhelming...**

Enter Frameworks!

Backend frameworks **simplify development** by handling:

- ◆ **Routing** – Organizing how requests are processed
- ◆ **Middleware** – Managing authentication, logging, etc.
- ◆ **Error Handling** – Ensuring smooth operations

Popular Frameworks

Some widely-used **backend frameworks** include:

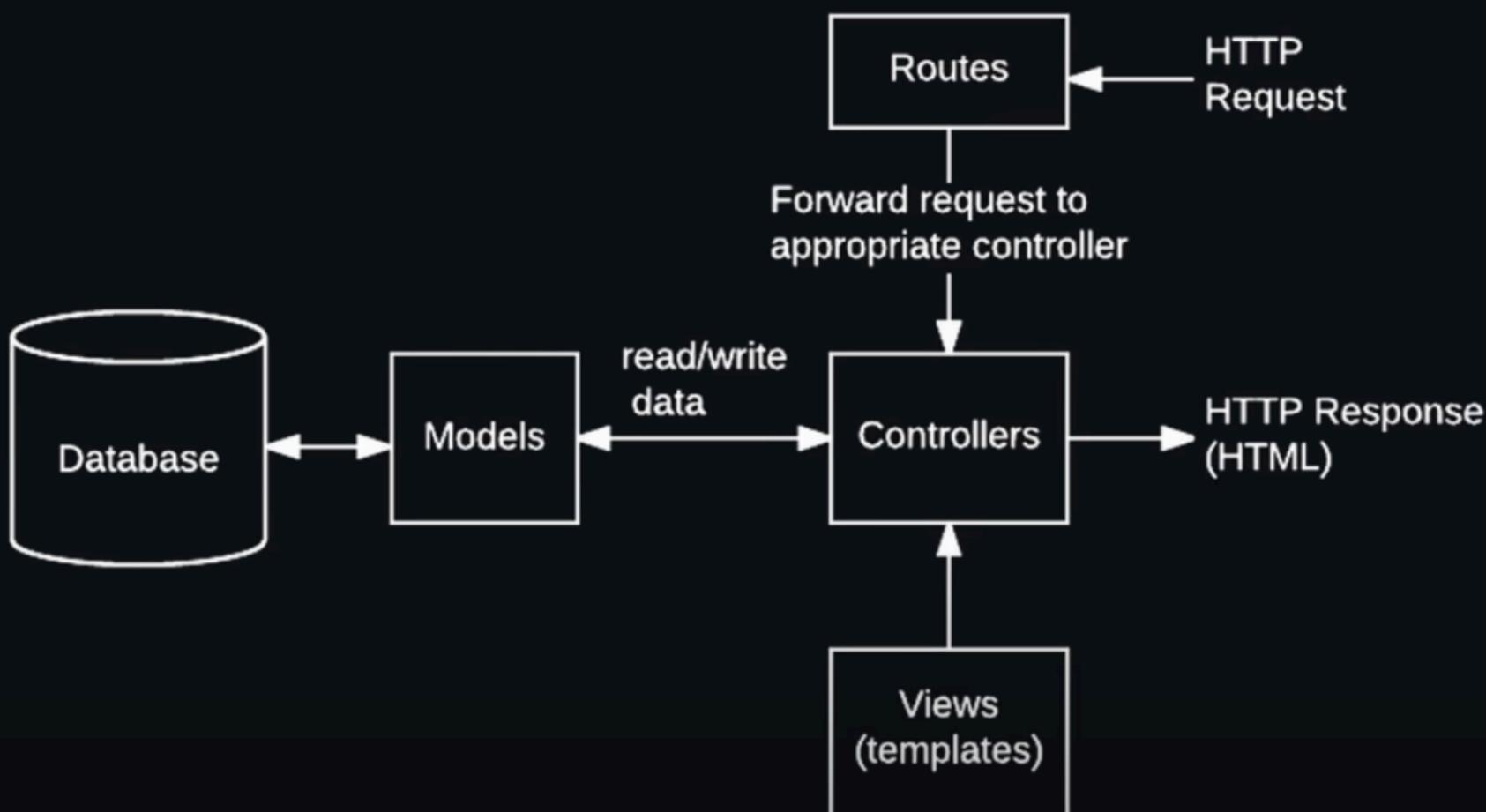
- **JavaScript** – Express, Hono, NestJS
- 🐍 **Python** – Django
- 💎 **Ruby** – Ruby on Rails
- ☕ **Java** – Spring



Choosing a Framework

When **selecting a backend framework**, it's important to consider:

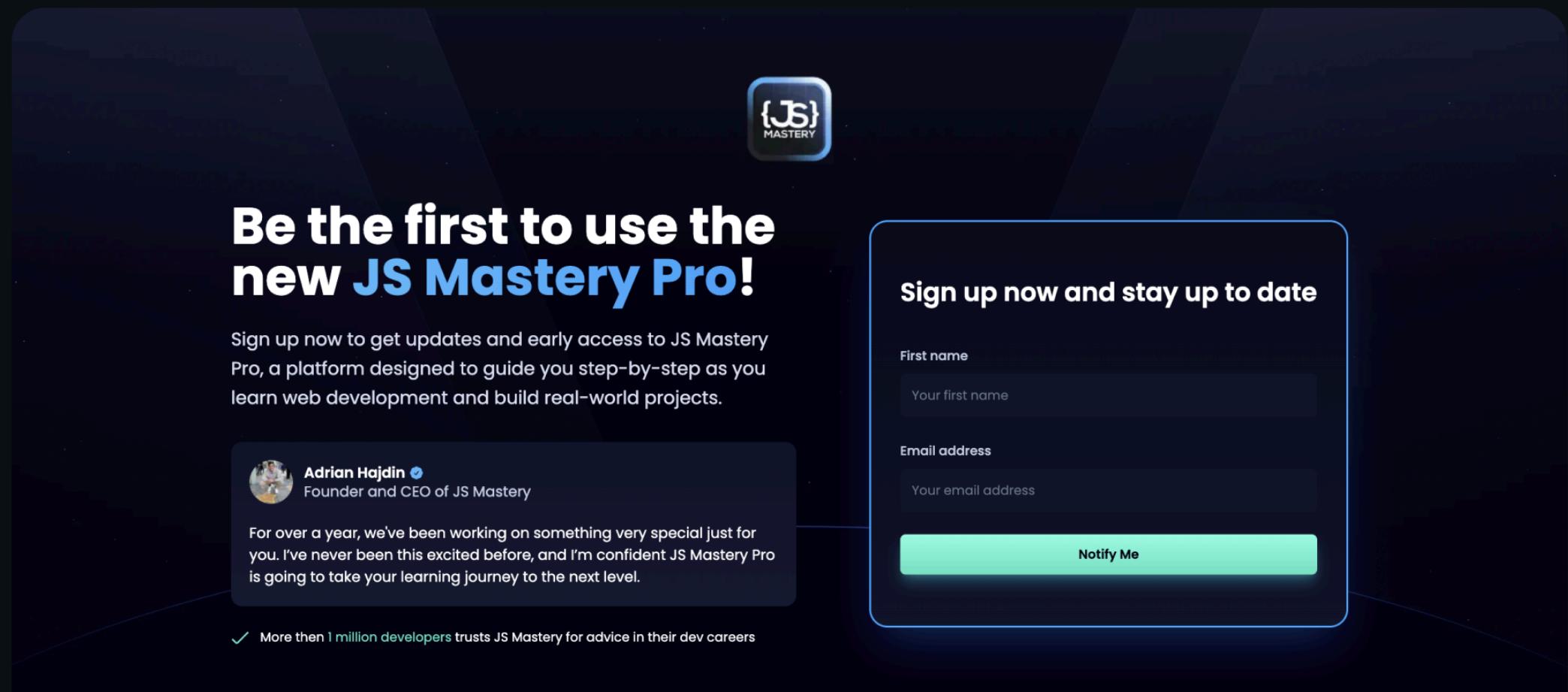
-  **Community** – Support & resources
-  **Learning Curve** – Match your skill level
-  **Project Needs** – Scalability & performance





Be the First to Join the New JS Mastery Pro!

Join the waitlist for early access to the new platform. A platform designed to guide you step-by-step!



The image shows a dark-themed user interface for the JS Mastery Pro platform. At the top center is the JS Mastery logo. Below it, a large button with the text 'Be the first to use the new JS Mastery Pro!' in white and blue. To the left of this button is a dark sidebar containing a profile picture of Adrian Hajdin and the text 'Adrian Hajdin Founder and CEO of JS Mastery'. Below this is a quote from him. At the bottom of the sidebar is a small note about developer trust. To the right of the main button is a sign-up form with fields for 'First name' and 'Email address', both with placeholder text. A 'Notify Me' button is at the bottom of the form. The entire interface has a modern, minimalist design with a dark background and light-colored text.

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 **Adrian Hajdin** Founder and CEO of JS Mastery

For over a year, we've been working on something very special just for you. I've never been this excited before, and I'm confident JS Mastery Pro is going to take your learning journey to the next level.

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