



#### What is Backend?

- Working on server-side software, which focuses on everything you can't see on a website.
- Ensure the website performs correctly.
- Focusing on databases, back-end logic, application programming interface (APIs), architecture, and servers.
- helps browsers communicate with databases, store, understand, and delete data.

## Backend

### Back End



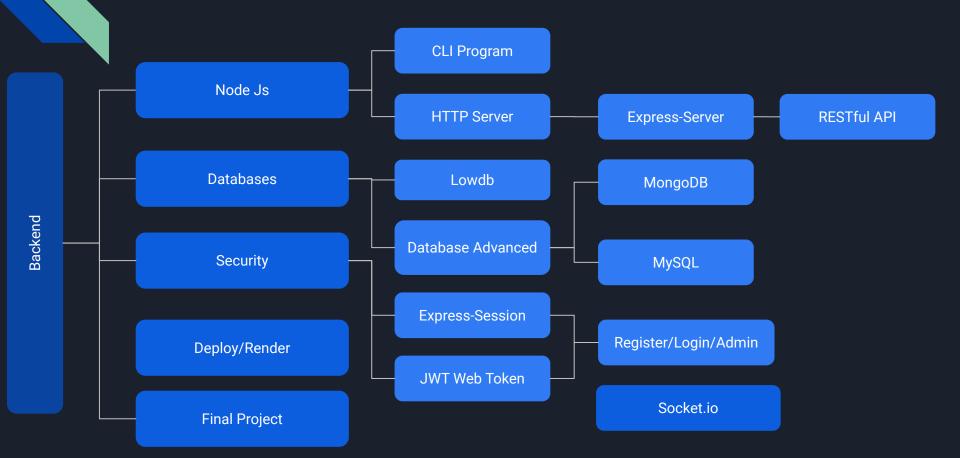
Browser

web server

Database

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### What we will learn in Backend



#### Node Js

Node.js is an open-source, cross-platform, back-end JavaScript runtime environment that runs on the V8 engine and executes JavaScript code outside a web browser.

## Why Node Js?

Only javascript of a start to getting start

Non-blocking execution

Packages, vast set of open-source Node.js packages

Strong backend written in C and C++ 6

Maintainable easy choice for developers, javascript, html, css, NO more

## Common Websites in nodejs

- LinkedIn.
- Netflix.
- PayPal.
- NASA.
- eBay.
- Trello.
- Uber.
- Walmart.
- Mozilla.

### CLI In Nodejs

# **Command-line interface**

A command-line interpreter or command-line processor uses a command-line interface (CLI) to receive commands from a user in the form of lines of text.

CLI program can be written in any programming language, like C/C++, java, python, ... etc.

And also can be written in javaScript using nodejs (execute javascript code outside the web browser).