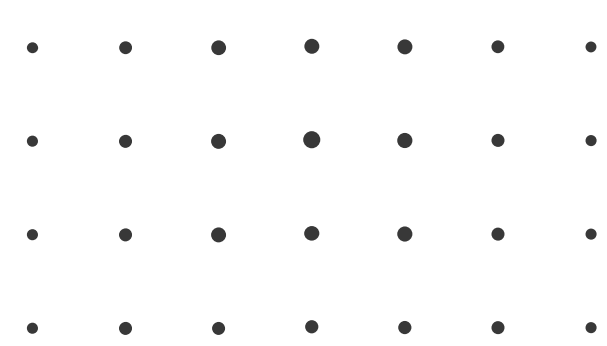


@saugat1070

# BACKEND DEVELOPMENT USING NODEJS



26 Dec, 2025



# Introduction

JavaScript is a cross-platform, object-oriented scripting language used to make webpages interactive (e.g., having complex animations, clickable buttons, popup menus, etc.). There are also more advanced server side versions of JavaScript such as Node.js, which allow you to add more functionality to a website than downloading files (such as realtime collaboration between multiple computers). Inside a host environment (for example, a web browser), JavaScript can be connected to the objects of its environment to provide programmatic control over them.

A large, bold, black 'JS' logo centered within a bright yellow square, which is itself centered on an orange background.

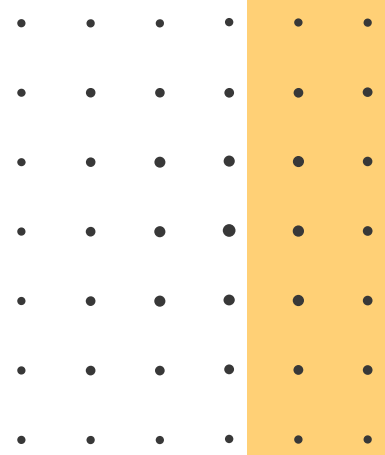


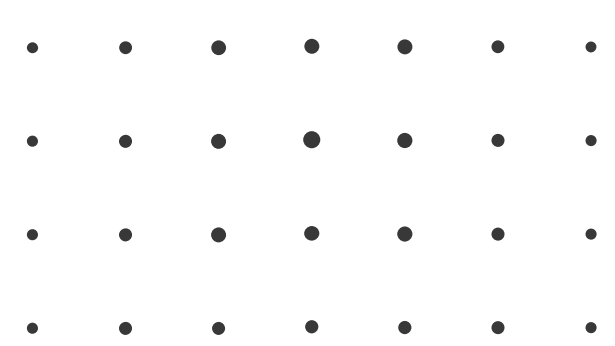
# Client Side

Client-side JavaScript extends the core language by supplying objects to control a browser and its Document Object Model (DOM). For example, client-side extensions allow an application to place elements on an HTML form and respond to user events such as mouse clicks, form input, and page navigation.

# Server Side

Server-side JavaScript extends the core language by supplying objects relevant to running JavaScript on a server. For example, server-side extensions allow an application to communicate with a database, provide continuity of information from one invocation to another of the application, or perform file manipulations on a server.





# Node.js

## Run JavaScript Everywhere

Node.js® is a free, open-source, cross-platform JavaScript runtime environment that lets developers create servers, web apps, command line tools and scripts





# Backend Development



Express.js is a lightweight web framework for Node.js used to build web applications and APIs easily.



## SQL and NoSQL database



**If you have any Question,  
please....**





**Thank You...**