



Signup Form Using Node.js and MongoDB

Installations

First, we need to include a few packages for our Nodejs application.

```
npm install express --save
```

Express allows us to set up middlewares to respond to HTTP Requests.

```
npm install body-parser --save
```

If you want to read HTTP POST data , you have to use the “body-parser” node module.

```
npm install mongoose --save
```

Mongoose is an object document mapping (ODM) layer which sits on the top of Node’s MongoDB driver.

app.js

This is the main executable application file

app.js

index.html

signup_success.html

style.css

```
var express=require("express");
```

```
var bodyParser=require("body-parser");
```

Open In App

```
const mongoose = require('mongoose');
mongoose.connect('mongodb://localhost:27017/gfg');
var db=mongoose.connection;
db.on('error', console.log.bind(console, "connection error"));
db.once('open', function(callback){
    console.log("connection succeeded");
})

var app=express()

app.use(bodyParser.json());
app.use(express.static('public'));
app.use(bodyParser.urlencoded({
    extended: true
}));

app.post('/sign_up', function(req,res){
    var name = req.body.name;
    var email =req.body.email;
    var pass = req.body.password;
    var phone =req.body.phone;

    var data = {
        "name": name,
        "email":email,
        "password":pass,
        "phone":phone
    }

    db.collection('details').insertOne(data,function(err, collection){
        if (err) throw err;
        console.log("Record inserted Successfully");
    });
});
```

```
    return res.redirect('signup_success.html');
  })

  app.get('/',function(req,res){
    res.set({
      'Access-control-Allow-Origin': '*'
    });
    return res.redirect('index.html');
  }).listen(3000)

  console.log("server listening at port 3000");
```

Start the MongoDB. Run app.js file

```
node app.js
```

Go to the browser and open <http://127.0.0.1:3000/>

Signup form

Name

E-Mail

Password

Phone Number

Submit

Fill the above form

Signup form

David Smith

david.smith@gmail.com

.....

7526941368|

Submit


This will add a record named “David Smith” in MongoDB. Let’s have a check in MongoDB for the same record. The record is now saved in the “gfg” database in “details” collection.

```
> db.details.find().pretty()
{
  "_id" : ObjectId("5c285b01168cea1328df523a"),
  "name" : "David Smith",
  "email" : "david.smith@gmail.com",
  "password" : "4521vfs",
  "phone" : "7526941368"
}
```

Article Tags : [Web Technologies](#)

[Read Full Article](#)



 A-143, 9th Floor, Sovereign Corporate Tower, Sector-136, Noida, Uttar Pradesh - 201305

Company

[About Us](#)
[Legal](#)
[Careers](#)
[In Media](#)

Explore

[Job-A-Thon](#)
[Hiring](#)
[Challenge](#)
[Hack-A-Thon](#)

Languages

[Python](#)
[Java](#)
[C++](#)
[PHP](#)

DSA

[Data Structures](#)
[Algorithms](#)
[DSA for Beginners](#)

Data Science & ML

[Data Science](#)
[With Python](#)

HTML & CSS

[HTML](#)
[CSS](#)
[Web Templates](#)

[Open In App](#)



[Contact Us](#)[GFG Weekly](#)[GoLang](#)[Basic DSA](#)[Data](#)[CSS](#)

Advertise
with us

GFG
Corporate
Solution

Placement
Training
Program

Contest

Offline Classes
(Delhi/NCR)

DSA in
JAVA/C++

Master System
Design

Master CP

GeeksforGeeks
Videos

Geeks
Community

SQL

R Language

Android
Tutorial

Tutorials
Archive

Problems

DSA

Roadmap

Top 100
DSA

Interview
Problems

DSA
Roadmap
by Sandeep
Jain

All Cheat
Sheets

Science For
Beginner

Machine
Learning
Tutorial

ML Maths

Data
Visualisation
Tutorial

Pandas
Tutorial

NumPy
Tutorial

NLP Tutorial

Deep
Learning
Tutorial

Frameworks

Bootstrap

Tailwind
CSS

SASS

LESS

Web Design

[Python](#)[Computer
Science](#)[DevOps](#)[Competitive
Programming](#)[System
Design](#)[JavaScript](#)

Python
Programming
Examples

Django
Tutorial

Python
Projects

GATE CS
Notes

Operating
Systems

Computer
Network

Git

AWS

Docker

Kubernetes

Azure

GCP

Top DS or Algo
for CP

Top 50 Tree

Top 50 Graph

Top 50 Array

Top 50 String

High Level
Design

Low Level
Design

UML
Diagrams

JavaScript
Examples

TypeScript

ReactJS

NextJS

AngularJS

NodeJS

[Open In App](#)

	NCERT	School	Commerce	UPSC	SSC/	Colleges
	Solutions	Subjects	Accountancy	Study	BANKING	Indian
	Class 12	Mathematics	Business	Material	SSC CGL	Colleges
	Class 11	Physics	Studies	Polity Notes	Syllabus	Admission &
	Class 10	Chemistry	Economics	Geography	SBI PO	Campus
	Class 9	Biology	Management	Notes	Syllabus	Experiences
	Class 8	Social	HR	History	SBI Clerk	List of
	Complete	Science	Management	Notes	Syllabus	Central
	Study	English	Finance	Science and	IBPS PO	Universities -
	Material	Grammar	Income Tax	Technology	Syllabus	In India
				Notes	IBPS Clerk	Colleges in
				Economy	Syllabus	Delhi
				Notes	SSC CGL	University
				Ethics Notes	Practice	IIT Colleges
				Previous	Papers	NIT Colleges
				Year Papers		IIIT Colleges
	Companies	Preparation	Exams	More	Free	Write &
	META Owned	Corner	JEE Mains	Tutorials	Online	Earn
	Companies	Company-	JEE	Software	Tools	Write an
	Alphabhet	Wise	Advanced	Development	Typing Test	Article
	Owned	Recruitment	GATE CS	Software	Image	Improve an
	Companies	Process	NEET	Testing	Editor	Article
	TATA Group	Resume	UGC NET	Product	Code	Pick Topics
	Owned	Templates		Management	Formatters	to Write
	Companies	Aptitude		SAP		Share your
						Experiences

Reliance	Puzzles	SEO -	Code	Internships
Owned Companies	Company- Wise	Search Engine Optimization	Converters Currency Converter	
Fintech Companies	Preparation	Linux	Random Number Generator	
EdTech Companies		Excel	Random Password Generator	