## **Signup Form Using Node.js and MongoDB**

## Installations

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

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

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

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");
```

```
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.ntml');
})

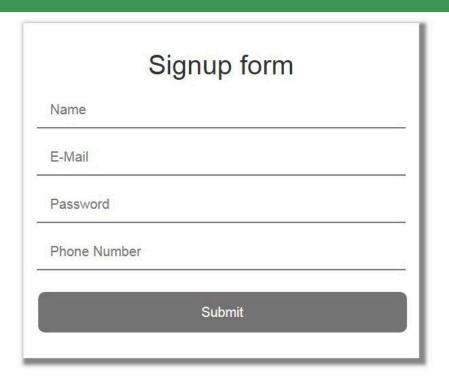
app.get('/',function(req,res){
   res.set({
      'Access-control-Allow-Origin': '*'
      });

return res.redirect('index.html');
}).listen(3000)

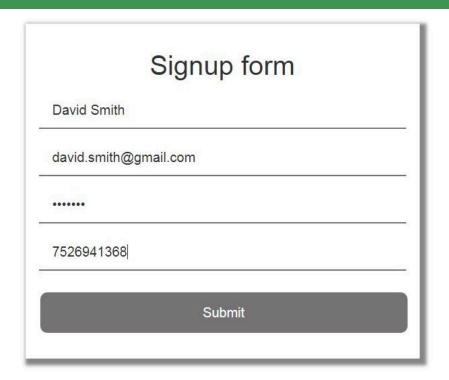
console.log("server listening at port 3000");
```

Start the MongoDB. Run app.js file

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



Fill the above form



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"
```

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