

JC WEB AND MOBILE

Nodemailer

BACK END DEVELOPMENT

How To Create a Simple Email Delivering System using Nodemailer & GMAIL API?

Nodemailer

- **Nodemailer** is a module for Node.js applications to allow easy as cake email sending. The project got started back in 2010 when there was no sane option to send email messages, today it is the solution most Node.js users turn to by default.
- <https://nodemailer.com>

PART 1

Installation And Configuration

- npm install nodemailer
- Go to official website of Nodemailer
- Klik usage menu then choose Using GMAIL
- To use gmail, we have to configure our Gmail account to allow less secure apps, go to <https://myaccount.google.com/lesssecureapps>

PART 2

Allow Less Secure App

← Less secure app access

Some apps and devices use less secure sign-in technology, which makes your account vulnerable. You can turn off access for these apps, which we recommend, or turn it on if you want to use them despite the risks. Google will automatically turn this setting OFF if it's not being used. [Learn more](#)

Allow less secure apps: ON



Then Click On the following square, then Allow access to your Google account



PART 3


Allow access to your Google account

Account access enabled

Please try signing in to your Google account again from your new device or application.

Go To <https://myaccount.google.com/security> for 2-step verification

Signing in to Google



Password Last changed 8:36 PM >

Use your phone to sign in Off >

2-Step Verification Off >

PART 4

Click on 2-step verification and Follow the instruction step by step until 2-step Verification is On

← 2-Step Verification

2-Step Verification is ON since Aug 6, 2019

TURN OFF

Click on the following ref to make a password for nodemailer

probably would not work.

If you are using 2FA you would have to create an ["Application Specific"](#) password for Nodemailer to work.

Gmail also always sets authenticated username as the *From:* email address. So if you authenticate as *foo@example.com* and set *bar@example.com* as the *from* address, then Gmail rejects this and replaces the

PART 5

Generate the password for Nodemailer

← App passwords

App passwords let you sign in to your Google Account from apps on devices that don't support 2-Step Verification. You'll only need to enter it once so you don't need to remember it. [Learn more](#)

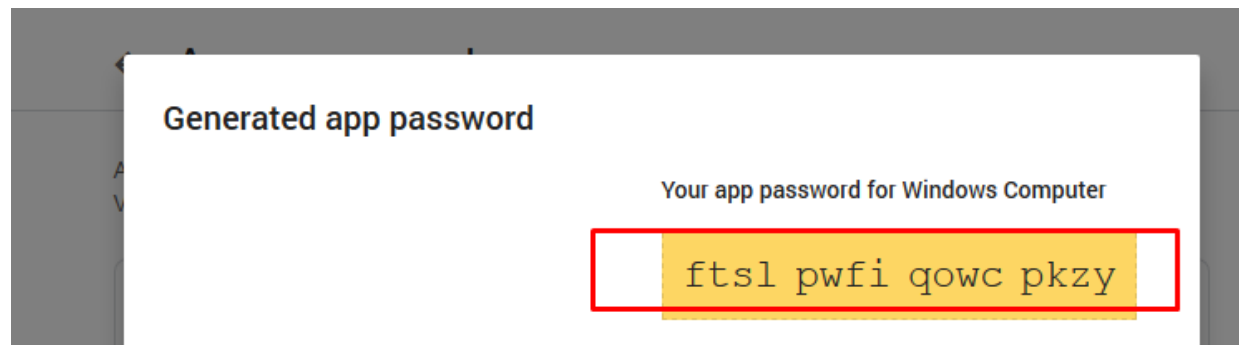
You don't have any app passwords.

Select the app and device you want to generate the app password for.

Mail ▼ Windows Computer ▼

GENERATE

Perfect, You got the password and ready for use the nodemailer



Cool , Lets Code...

Nodemailer Setting

```
var transporter = nodemailer.createTransport({  
  service: 'gmail',  
  auth : {  
    user : 'jamesfikrii@gmail.com',  
    pass : 'sqvdlbaeoglyxqmt'  
  },  
  tls : {  
    rejectUnauthorized : false  
  }  
})
```

Use Your Own GMAIL Account
And Your password Generated before

Basic Nodemailer Route

```
app.get('/sendmail' , (req,res) => {  
  var mailOptions = {  
    from : 'Jamaludin Fikri <jamesfikrii@gmail.com>',  
    to : 'jamaludinfikrii@gmail.com',  
    subject : 'Your Invoice',  
    html : '<h1> Hello Fikri, You have to Pay 1 million to purchase our product </h1>'  
  }  
  
  transporter.sendMail(mailOptions, (err,res1) => {  
    if(err){  
      console.log(err)  
      res.send({status : 'Error'})  
    }  
    else{  
      console.log('Succееss')  
      res.send({status : 'Success'})  
    }  
  })  
})
```

Basic Nodemailer Route

```
app.get('/sendmail' , (req,res) => {  
  var mailOptions = {  
    from : 'Jamaludin Fikri <jamesfikrii@gmail.com>',  
    to : 'jamaludinfikrii@gmail.com',  
    subject : 'Your Invoice',  
    html : '<h1> Hello Fikri, You have to Pay 1 million to purchase our product </h1>'  
  }  
  
  transporter.sendMail(mailOptions, (err,res1) => {  
    if(err){  
      console.log(err)  
      res.send({status : 'Error'})  
    }  
    else{  
      console.log('Succееss')  
      res.send({status : 'Success'})  
    }  
  })  
})
```

**Perfect , just try your endpoint to ensure your
Mailing system work**

**Lets Explore more about Nodemailer from their
Documentation Website**