



## Mern Stack Login MongoDB API JWT

```
import express from 'express'
import mongoose from 'mongoose'
import jwt from 'jsonwebtoken'
import bcrypt from 'bcryptjs'
import 'dotenv/config'
import User from './models/user.js'
const app = express()
const PORT = process.env.PORT || 5000

app.use(express.json())
mongoose.connect('mongodb://localhost:27017/login-register-mern')
app.post('/login', async (req, res) => {
  const user = await User.findOne({
    email: req.body.email
  })
  if (!user) return { status: 'error', error: 'Error in login' }
  const isPasswordValid = await bcrypt.compare(
    req.body.password,
    user.password
  )
  if (isPasswordValid) {
    const token = jwt.sign({email: user.email
}, 'secretkey123234444245')
    return res.json({
      status: 'OK',
      user: token
    })
  } else {return res.json({status: 'error', user: false})} })
app.listen(PORT, () => {
  console.log(`listening on port ${PORT}`)
})
```

# index.js



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```
import mongoose from 'mongoose'
```

```
const User = new mongoose.Schema(
```

```
{
```

```
    name: { type: 'string', required: true},  
    email: { type: 'string',  
             required: true, unique: true},  
    password: { type: 'string',  
                required: true},
```

```
}
```

```
)
```

# ./models/user.js

```
export default mongoose.model('UserData', User)
```



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Mern Stack Login  
MongoDB API JWT

PORT = 5000

DATABASE =

`mongodb://localhost:27017/  
PushpendraData`

config.env



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# Basics of API Testing Using Postman

http://localhost:5000/login

POST http://localhost:5000/login Save ▾ 

Params Authorization Headers (8) **Body** ● Pre-request Script Tests Settings Cookie 

none  form-data  x-www-form-urlencoded  raw  binary  GraphQL **JSON** ▾ Beautify

```
1 {  
2   ... "email": "pushpendra@gmail.com",  
3   ... "password": "123"  
4 }
```

Body Cookies Headers (7) Test Results Status: 200 OK Time: 133 ms Size: 408 B Save Response 

Pretty Raw Preview Visualize **JSON** ▾ 

```
1 {  
2   "status": "OK",  
3   "user": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJlbWFpbCI6InB1c2hwZW5kcmlFbWluY29tIiwiaWF0IjoxNjcyNTk3NzI4fQ.93-8WY36mp0eKC4xK5oeJtrSwn1k-ZzD6fQl_NrtfOs"  
4 }
```



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