

API DOCUMENTATION

This API offers a comprehensive set of RESTful endpoints designed to facilitate full **CRUD (Create, Read, Update, Delete)** operations on user data. Developed using **Express.js** and **MongoDB**, it serves as a reliable backend service for client applications, enabling efficient management of user records with a structured and scalable architecture.

Stack: Node.js

Authentication APIs:

- **Signup User** (POST /api/auth/signup)
- **Login User** (POST /api/auth/login)
- **Get User** (GET /api/auth/getuser?email=<user_email>)
- **Update User** (PUT /api/auth/updateuser?email=<user_email>)
- **Delete User** (DELETE /api/auth/deleteuser?email=<user_email>)

Endpoints

Method: POST

API Name: Signup User

Endpoint: `/api/auth/signup`

Payload:

```
{
  "fname": "Mratyunjay",
  "lname": "Chouhan",
  "dob": "2002-01-04",
  "email": "mratyunjaychouhan45@gmail.com",
  "password": "pas##word@#",
  "gender": "male"
}
```

Response:

```
{
  "message": "User created successfully",
  "user": {
    "fname": "Mratyunjay",
    "lname": "Chouhan",
    "dob": "2002-01-04T00:00:00.000Z",
    "email": "mratyunjaychouhan45@gmail.com",
    "password": "$2b$10$cTyFOUkw8.yvKyXexxVuleFNEXwxMZF4Rra7wwcp3dwGXXHb1g/Sq",
    "gender": "male",
    "_id": "685591c892d3c0130eb84088",
    "createdAt": "2025-06-20T16:52:24.516Z",
    "updatedAt": "2025-06-20T16:52:24.516Z",
    "__v": 0
  }
}
```

Method: POST

Endpoint: `/api/auth/login`

API Name: Login User

Payload:

```
{
  "email": "mratyunjaychouhan45@gmail.com",
  "password": "pas#/#word@/#"
}
```

Response:

```
{
  "message": "Login successful",
  "user": {
    "_id": "685591c892d3c0130eb84088",
    "fname": "Mratyunjay",
    "lname": "Chouhan",
    "dob": "2002-01-04T00:00:00.000Z",
    "email": "mratyunjaychouhan45@gmail.com",
    "password": "$2b$10$cTyFOUkw8.yvKyXexxVuleFNEXwxMZF4Rra7wwcp3dwGXXHb1g/Sq",
    "gender": "male",
    "createdAt": "2025-06-20T16:52:24.516Z",
    "updatedAt": "2025-06-20T16:52:24.516Z",
    "__v": 0
  }
}
```

Method: GET

API Name: Get User

Endpoint: `/api/auth/getuser?email=<user_email>`

Response:

```
{
  "user": {
    "_id": "685591c892d3c0130eb84088",
    "fname": "Mratyunjay",
    "lname": "Chouhan",
    "dob": "2002-01-04T00:00:00.000Z",
    "email": "mratyunjaychouhan45@gmail.com",
    "password": "$2b$10$cTyFOUkw8.yvKyXexxVuleFNEXwxMZF4Rra7wwcp3dwGXXHb1g/Sq",
    "gender": "male",
    "createdAt": "2025-06-20T16:52:24.516Z",
    "updatedAt": "2025-06-20T16:52:24.516Z",
    "__v": 0
  }
}
```

Method: PUT

API Name: Update User

Endpoint: `/api/auth/updateuser?email=<user_email>`

payload:

```
{
  "fname": "mj"
}
```

Response:

```
{
  "message": "User updated",
  "user": {
    "_id": "685591c892d3c0130eb84088",
    "fname": "mj",
    "lname": "Chouhan",
    "dob": "2002-01-04T00:00:00.000Z",
    "email": "mratyunjaychouhan45@gmail.com",
    "password": "$2b$10$cTyFOUkw8.yvKyXexxVuleFNEXwxMZF4Rra7wwcp3dwGXXHb1g/Sq",
    "gender": "male",
    "createdAt": "2025-06-20T16:52:24.516Z",
    "updatedAt": "2025-06-20T17:01:07.779Z",
    "__v": 0
  }
}
```

Method: DELETE

API Name: Delete User

Endpoint: `/api/auth/deleteuser?email=<user_email>`

Payload: None

Response:

```
{
  |   "message": "User deleted successfully"
  | }
```