MULTER

BACKEND

```javascript
const multer = require('multer');
const path = require('path');
const fs = require('fs');

const app = express();
const PORT = process.env.PORT || 8000;

app.use(cors());
app.use(express.json());
app.use(bodyParser.json());
app.use(morgan());
app.use(express.static("public"));

//
const storage = multer.diskStorage({
  destination: function (req, file, cb) {
    cb(null, 'D:/New folder (3) profile/New folder (3)/Backend/public');
  },
  filename: function (req, file, cb) {
    // Access the email from the request body
    const email = req.body.email;
    // Ensure that email is available
    if (email) {
      // Extract the file extension from the original file name
      const fileExtension = path.extname(file.originalname);
      // Construct the file name using the email and file extension
      const fileName = email + fileExtension;
      // Set the file name
      cb(null, fileName);
```

```javascript
    } else {
      // If email is not provided, set a default file name or handle the error as needed
      cb(new Error('Email is missing in request body'), null);
    }
  }
});


const upload = multer({ storage: storage })

app.post('/api/profile',upload.single('file'),async (req,res)=>{
  try {
    // Construct the file path using the email and the original file extension
    const filePath = path.join(__dirname, 'public', req.body.email + path.extname(req.file.originalname));

    // Read the image file asynchronously
    const imageData = await fs.readFile(filePath);

    // Set the appropriate content type for the response
   // Adjust content type as per your image format

    // Send the image data as the response
    res.send(imageData);
  } catch (error) {
    console.error('Error:', error);
    res.status(500).send('Internal Server Error');
  }
})
```

FRONTEND

```javascript
  const handleFileChange = async (event) => {
```

```javascript
  const { id, files } = event.target;
  const fileNameId =
    id === "profile-picture-upload" ? "profile-picture-name" : "resume-name";
  const fileNameElement = document.getElementById(fileNameId);
  fileNameElement.textContent = files[0]
    ? files[0].name
    : "No file chosen...";

  try{
    const formData = new FormData();
    formData.append('email',localStorage.getItem("email"));
    formData.append('file',files[0]);
    setimageProfile(files[0]);
    const response = await fetch('http://localhost:8000/api/profile', {
      method: 'POST',
      body: formData,
    });
    const data = await response.json();
    console.log(data);
  }
  catch(e){
    console.log("Error Occured: " + e.message);
  }
};
```