How To Use DocuChain?

DocuChain allows institutions and employers to issue tamper-proof offer letters on the blockchain. Verifiers (like immigration officers or students) can upload a PDF and instantly check its authenticity using the document hash.
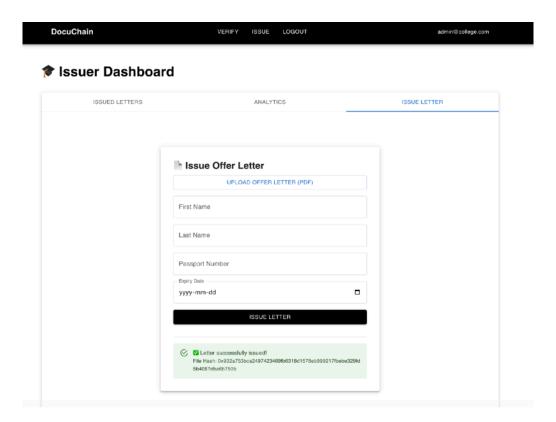
For Issuers (Colleges / Employers)

1. Log In

- Go to https://docu-chain.vercel.app/ and Login

2. Issue a New Offer Letter

- Click on ISSUE tab and fill out the following:

  o PDF Upload, Expiry Date, ID and Name

- Click the Issue Letter button. The app will:

  o Hash the PDF using **Keccak-256**

  o Store the hash and metadata on the **Polygon Blockchain**

- You will receive a confirmation after issuing. Example below:

3. View Issued Letters *(optional dashboard)*

- Navigate to `/dashboard`

- View list of letters you've issued

For Verifiers (Immigration Officers, Applicants)

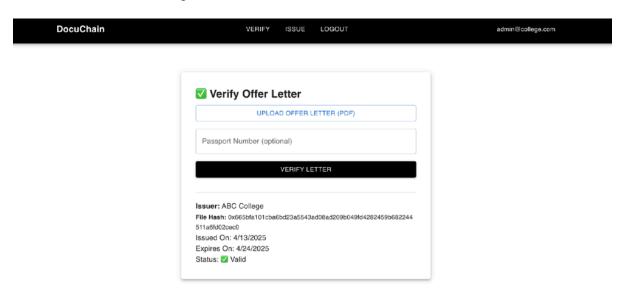### 1. Go to Verification Page

- Visit https://docu-chain.vercel.app/verify

2. Upload PDF

- Upload the offer letter PDF you wish to verify

- The app will:

    ○ Generate the hash of the file (client-side)

    ○ Check it on-chain to confirm whether it exists and not expired

3. View Result

- You'll see a response like below

Important Notes

- The file must not be altered or re-saved (even metadata change alters the hash)

- Verification works without a wallet – it's fully public