

Fintrove Solutions

Technology Stack:

Backend:

- Prerequisites: Python
- Django framework

Other Modules Required:

- DjangoRESTframework
- Django-cors-headers
- djangoRESTframework-jwt

Frontend:

- Prerequisites: Node, NPM
- ReactJS

Other libraries required:

- reactstrap
- axios

Installation:

Backend:

- Python: <https://www.python.org/>

Please ensure virtual environment is created, before proceeding further:

<https://packaging.python.org/guides/installing-using-pip-and-virtual-environments/>

- Django: pip install django
- To add a rest framework in django: pip install djangoRESTframework
- To handle data sharing between different domains: pip install django-cors-headers
- For JWT authentication: pip install djangoRESTframework-jwt

Frontend:

- Node: <https://nodejs.org/en/download/>
- NPM: <https://www.npmjs.com/get-npm>
- React: sudo npm install -g create-react-app
- Reactstarp, for bootstrap in node: npm install reactstrap
- For making Ajax calls- Axios: npm install axios

Running project:

After downloading and extracting the project from github repo:

<https://github.com/harrychhabra/JWT-authentication>

Absolute path: /

For running backend, enter the following commands from the absolute path:

- `cd backend`
- `python manage.py makemigrations`
- `python manage.py migrate`
- `python manage.py runserver`

Server will be started at localhost:8000

For running frontend, enter the following commands from the Absolute path:

- `cd frontend`
- `npm start`

Server will be started at localhost:3000

If everything works well, page should automatically open to the reactJS server page.