

## Placement drive server app

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A simple server application, that can be used for registering students and companies for a placement event in an institute.

### API documentation:

<https://gauravano.github.io/placement-drive-backend/apidoc/index.html>

### API server hosted at Glitch:

<https://gauravano-placement-drive-backend.glitch.me/api/>

## Installation

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Follow these instructions if you're installing via GitHub, the GitHub repo will be made public after Nagarro Assignment-2 deadline only.

1. In the console, download a copy of the repo by running `git clone https://github.com/gauravano/placement-drive-backend`.
2. Enter the placement-drive-backend directory with `cd placement-drive-backend`.
3. Run `npm install` to install the node dependencies mentioned in the **package.json**.
4. The database is hosted at Mongo Lab, so you need to create a free sandbox at <https://mlab.com/> and then copy the URI from there and save it as `MONGO_URI= <URI from your sandbox with quotes>` in **.env** file.
5. Run `npm start` for running the development server. Navigate to `http://localhost:4000/`.

If you're running this file via Zip of the project, then, you can just start the application by running **npm start** (considering node.js and npm is installed in your system). In case, you come across any warning/error in the terminal, run **npm install** again and if you're still not able to run the app, feel free to contact me via [sachdeva.gaurav1997@gmail.com](mailto:sachdeva.gaurav1997@gmail.com)

## Development server

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Run `npm start` for a running development server. Navigate to `http://localhost:4000/`.

## Documentation

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The API documentation is generated using <https://api-docs.io/> by using npm package.

The documentation give details about all the endpoints, parameters, and also provide option to make sample requests from there only. So, head over to <https://gauravano.github.io/placement-drive-backend/apidoc/index.html> and

do the testing 😊

## Some enhanced features

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### Logging

Logging in the application is done using 2 modules [winston](#) and [morgan](#). The logic for setting the logger is at

<https://github.com/gauravano/placement-drive-backend/blob/master/logger.js>.

And, both loggers are combined at

<https://github.com/gauravano/placement-drive-backend/blob/master/app.js#L7-L10>

## API Data validation and Error handling

Schema validation is used while creating the schema using Mongoose only, see <https://mongoosejs.com/docs/validation.html> for details.

Another npm package [Express-validator](#) is used for performing validation of API, sanitization, error handling, etc.