

# Full-Stack Application Deployment Doc.

Angular – NodeJS - PostgreSQL

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For Glass Lewis

# PostgreSQL

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Make sure to install PostgreSQL and create a user with the following settings:

```
USER=lewis  
PASSWORD=glass
```

Or you can change the credentials in .env file.

Create *database*, *company records* and *user*.

```
// Create database  
CREATE DATABASE corporatedb;  
  
// Create the user table  
CREATE TABLE "User" (  
    id SERIAL PRIMARY KEY,  
    name VARCHAR(255) NOT NULL,  
    key INTEGER NOT NULL CHECK (key >= 100000 AND key <= 999999)  
);  
  
// Create the company records table  
CREATE TABLE "CompanyRecords" (  
    id SERIAL PRIMARY KEY,  
    name VARCHAR(255) NOT NULL,  
    exchange VARCHAR(50) NOT NULL,  
    ticker VARCHAR(10) NOT NULL,  
    ISIN VARCHAR(12) NOT NULL UNIQUE,  
    website VARCHAR(255),  
    CHECK (ISIN ~ '^[A-Z]{2}[A-Z0-9]{10}$')  
);  
  
// Create a user.  
INSERT INTO "User" (name, key) VALUES ('admin', '123456');
```

Once the application is running, you can create company records.

## NodeJS

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To run the backend

```
npm install && node main.js
```

## Other

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Ports used:

```
Backend: 3000 | Frontend: 4200 | PostgreSQL: 5432
```

I am available at [ariansefy@icloud.com](mailto:ariansefy@icloud.com)

Please email me if you face difficulty deploying.

Thank you.