FutureDevs Industry Readiness Program

PRE-PROGRAM PREPERATION DOCUMENT

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Environment setup

*Please go through on below details to get prepare for **FutureDev's Industry Readiness Program**.*

In the initial stage, we guide you with two JS Frameworks, (ReactJS, and Nodejs (JavaScript + Typescript). So, before that, you have to set up your machine or laptop environment with these setups,

Requirements:

1. **Languages (Frameworks)**

- Nodejs (JavaScript/ Typescript)
- ReactJs (JavaScript) (https://reactjs.org/)

2. **Database**

- MySQL Database(https://www.mysql.com/)

3. **IDEs + Setups**

- Visual Studio Code (https://code.visualstudio.com/)
- MySQL Workbench (https://www.mysql.com/products/workbench/)
- MySQL Server (**5.7 version**) (https://dev.mysql.com/downloads/mysql/)
- Nodejs (https://nodejs.org/en/)
- Postman (https://www.postman.com/)

- Whimsical (https://whimsical.com/)

  Whimsical is the visual workspace for thinking and collaboration, combining flowcharts, **wireframes**, sticky notes, mind maps, and docs.

5. **Management Tools**

- Trello (https://trello.com/en)

  Trello is a project management tool.

Tutorials

Note: Please go through these tutorials and sites, please practice and do a pre-testing project with these frameworks,

Nodejs

1. **Common**

- https://expressjs.com/en/starter/hello-world.html
- https://github.com/auth0/node-jsonwebtoken#readme
- https://github.com/expressjs/multer#readme

2. **JavaScript**

- https://sequelize.org/
- https://youtu.be/Oe421EPjeBE

- https://typeorm.io/
- https://youtu.be/gp5H0Vw39yw
- https://youtu.be/zRo2tvQpus8

ReactJs

- https://react-bootstrap.github.io/
- https://axios-http.com/
- https://v5.reactrouter.com/web/guides/quick-start