



DAVID RODRÍGUEZ PÉREZ

Chemical Engineer | Self Taught Web Developer

ABOUT ME

I'm a Chemical Engineer who loves to learn. My dream is to create technology that helps the planet to be greener and greater, this led me to become a self-taught developer focused on fullstack applications with React, Node, Express, MongoDB and using disruptive technologies, like Machine Learning to deliver more value.

SKILLS

- Problem solving oriented
- Research
- Critical thinking
- Debugging
- Leadership
- Data analysis
- Communication
- English (Advanced)
- Spanish (Native)

TECHNOLOGY STACK

- Javascript
- HTML, CSS
- React JS, Node JS, Express, MongoDB
- Redux
- Python
- Passport
- Git y Github
- Tensorflow
- Scikitlearn
- Keras
- Bootstrap

CONTACT

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Linkedin:
www.linkedin.com/in/davidrodriguezperezziqp

Github: <https://github.com/davrope>

Personal Website: davroper.com

EDUCATION

Instituto Tecnológico y de Estudios Superiores
Monterrey, Campus Monterrey



BSc in Chemical Engineering in Sustainable Processes

CENEVAL Excellence Award
(Professional License: 12042248)

EXPERIENCE

Applications Engineer

Hydrocon total Water Management | Jun 2021 - Jul 2021

- Temporary project. Analysis of data required to design an industrial water treatment plant and improve processes

Field Engineer: Drilling and Completion Fluids.

Baker Hughes. | Nov 2019 - Jul 2020

- Aspire Leadership Program in Baker Hughes with experience in lab, simulators and drilling and completion fluids plant.

DEVELOPMENT PROJECTS

Tangerine: Expenses tracker. | Feb 2022-Abr 2022

- Fullstack web application for managing personal finances. It includes login with Google through Passport JS, a user dashboard with a table of transactions carried out, a graph of monthly expenses, and budget management with custom date ranges.

Mirror Size. | Dic 2021- Feb 2022

- Front-End creation with React for the prediction and suggestion of user clothing size based on local information (item with measurements to compare), user height and using the Tensorflow pose detection API

Web app para productividad. | Abr 2021- May 2021

- Creation of fullstack web application for productivity in personal projects. The management of each project includes a component with a to-do list and a timer to record the time spent on each project