

MONIA TECHINI

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[GITHUB](#)

[PORTFOLIO](#)

[LINKEDIN](#)

Tampa/FL

SKILLS

JavaScript, Node.js, Express, PostgreSQL, SQL, React, Redux, Python, Flask, SQLAlchemy, HTML5, CSS3, Git, Docker

PROJECTS

Event-App (JavaScript, Node, Express.js, PostgreSQL, React, Redux, HTML, CSS, Material-UI, Heroku)

[live](#) | [github](#)

Event-App is a fullstack app for hosting events based on Eventbrite, where users can browse, join and create events.

- Created various interactive interfaces letting users check, join, host events using React on the frontend and JavaScript and Sequelize on the backend for smooth user experience.
- Implemented a search feature using a customized query on the backend based on the event name giving the user quick access to the events.

Instantelegram (Python, Flask, React, Redux, HTML, CSS, Material-UI, Heroku)

[live](#) | [github](#)

Instantelegram is a social image sharing site inspired by Instagram, where users can create, like and comment posts.

- Constructed various user interfaces using React letting users create, edit and delete posts on their profile and feed pages to enhance user experience.
- Designed an interactive user process allowing users to follow and unfollow other users through integrating customized queries on the backend to improve the app performances.
- Ensured user privacy through frontend and backend authentication measures allowing users to only make changes to their own profile when logged in.

Clack-App (JavaScript, Express.js, SQL, Socket.io, HTML5, CSS3, Heroku)

[live](#) | [github](#)

Clack-App is a messaging app based on Slack, where users are welcome to join & create channels as well as chat with other users.

- Created various interactive interfaces allowing users to edit/add channels pages as well as edit user's profile through implementing customized queries with Sequelize and RESTful API endpoints on the backend and basic JavaScript on the frontend.
- Developed a live chat process using Socket.io in order to enhance user experience by letting users interact no matter where they are.
- Build on-off emoji view for the chat window to allow users to switch the browsing view using JavaScript on the frontend.

EXPERIENCE

Tesinc LLC

Telecommunication OSP Associate Engineer

Aug 2018 - Dec 2019

CAD Drafter

Sep 2017 - Aug 2018

- Evaluated and designed HLD/LLD routes associated with the project including aerial or/and underground options, as well as organized the layout of plans, details and units on the CAD drawings.
- Used software like ARCGIS, Google Earth and county websites to check ROW and add the utilities to the construction prints.
- Generated RR Crossing profiles to be used for permitting purposes, as well as prepared Telecommunication drawing and design.

EDUCATION

Web Development - App Academy | January 2020

Rigorous 1000-hour software development course with <3% acceptance rate

PHD Coursework/Research program (IoT) - National Engineering School of Gabes-Tunisia | 2014 - 2015

Software Engineering - University of Tunis El Manar-Tunisia | 2011 - 2014

National Diploma of Engineering In Computer Sciences

Preparatory Cycle - IPEIT-Tunisia | 2009 - 2011

Topics include: Mathematics, Physics, Chemistry and algorithms.