

# DANIEL TILLERO

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## SKILLS

JavaScript, Python, Node, Java, React, Redux, Angular, Node, Express, Flask, Sequelize, SQLAlchemy, PostgreSQL, Docker, Google Cloud Platform, AWS, Pug, Jenji, SCSS, Figma, Git, Github, Webpack, Agile, Mocha, Chai, Pytest, Heroku.

## EXPERIENCE

UI Developer

March 2019 - August 2020

*Messangi | Coral Gables, FL*

- Contributed to a customer engagement platform to manage and track customer interactions from one single place in the cloud.
- Designed, developed and packaged a component library in Angular 9 to a private npm registry which facilitated frontend implementation processes for engineers working across the entire product suite.
- Spearheaded liaison with product designers to create frontend abstractions with emphasis on reusability and improved UI/UX.

Lead Software Developer & Co-Founder

February 2018 - March 2019

*DevFuse | Miami, FL*

- Architected and implemented serverless systems to provide storage, databases, authentication, and functions that live on the cloud by leveraging the Google Cloud Platform.
- Crafted tailored product strategies by implementing agile methodologies to analyze time frame and budgets.
- Responsible for the planning and development of software projects that amounted to \$125,000 of revenue in under 12 months.
- Created a subscription based content delivery platform with integrations for high risk payment processing.

## PROJECTS

Castaway | (*React, Flask, SQLAlchemy, Google APIs, PostgreSQL*)

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- Incorporated Google's APIs for Geolocation, Maps, and Places to power location search and map rendering.
- Developed RESTful API using Flask to support CRUD operations for boats, reservations, likes, and users.
- Constructed a highly interactive user experience from the ground up using React, Material UI, and Styled Components.

InstaClone | (*React, Flask, SQLAlchemy, AWS s3, PostgreSQL*)

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- Refined session based authentication by leveraging flask-login and werkzeug to generate hashes, wtforms for server-side validations and React to incorporate custom form UI and client-side validations.
- Engineered Post API to handle CRUD operations for posts, in addition to feed generation routes.
- Introduced support for image uploading to an AWS S3 bucket by leveraging the AWS Python API (boto3).

Octuor | (*React, Redux, Express, Sequelize, AWS s3, PostgreSQL*)

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- Engineered token-based security infrastructure using express, bcrypt, and jsonwebtoken.
- Devised data layer in redux by leveraging thunk and custom event handlers to optimize auth and search.
- Developed RESTful API using Express to support CRUD operations for songs and users.

SinkOverflow | (*Express, Sequelize, JavaScript, Pug, CSS, Cloudinary, PostgreSQL*)

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- Applied monolithic application architecture where static HTML is served on the server-side by leveraging Express and PUG.
- Implemented custom quicksort functionality to create a question feed that is sorted based on votes.
- Designed normalized databases for simple querying and information retrieval implementation powered by the Sequelize ORM.

## EDUCATION

App Academy *1,000-hour immersive full-stack web development bootcamp with <5% acceptance rate, 2020-2021*

Finished at the top of my class with an average score of 99% on 15 assessments.

Florida International University *Information Technology, 2015-2020*