

Matteo Santavicca

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SKILLS React, Ruby, Rails, JavaScript, jQuery, Redux, SQL, Git, HTML5, CSS3, Sass, Docker, MongoDB, PostgreSQL, Express, Node, GraphQL, AWS S3, Heroku, Apollo

PROJECTS

MeTube (React, Node, Express, MongoDB)

[Live Site](#) | [Github](#)

A web application inspired by YouTube with similar functionality

- Devised and implemented a MongoDB backend by creating the schema, validations, connecting to our MongoDB Cluster and seeding the database.
- Established a file upload feature from frontend to backend utilizing the FormData web API to send video files to our backend and the AWS SDK to transfer files to our S3 bucket.
- Architected a trending algorithm on the backend that sorts videos by amount of views over the last week and sends back top results to display.

SoundWave (Rails, React, Postgres DB)

[Live Site](#) | [Github](#)

A music streaming site inspired by SoundCloud

- Employed BCrypt to create an authentication system to ensure the security of user credentials.
- Utilized Active Storage to implement a file upload feature to facilitate hosting of audio and image files through AWS S3.
- Developed a seamless and continuous play feature by taking advantage of the frontend routing provided by React's Hash Router and incorporating conditional logic based on the component's state.

Space Racer (JavaScript, HTML, CSS)

[Live Site](#) | [Github](#)

A pure Vanilla JS game with an emphasis on styling and animation

- Engineered a functional and intuitive arcade game through heavy use of Object-Oriented Programming.
- Utilized the HTML Canvas API to render animated objects with the use of JavaScript's RequestAnimationFrame method.
- Incorporated a high score feature that is achieved through the use of the browser's local storage property.

EXPERIENCE

Co-Founder / Financial Director / Project Manager

Vetek Consulting LLC, May 2017 - Present

- Created a waterfall projection model using Excel to forecast revenues and expenses with varying time horizons.
- Managed company budget to ensure the proper allocation of funds in a low overhead environment.
- Managed product creation from planning to production by acting as the intermediary between engineers and clients.

Financial Data Analyst Intern

Librium International, Jun 2018 - Nov 2018

- Incorporated advanced Excel functions to build predictive models in order to forecast future Cashflow and COGS based on raw data from loan and origination performance
- Applied statistical techniques and trend analysis to interpret data from Cashflow of Loans and benchmarking data with Proforma analysis
- Assisted in determining and modeling internal KPI's for various departments

EDUCATION

App Academy - Immersive software development course with focus on full stack web development (Online 2019)

Georgia State University - BBA - Finance (Spring 2018) & BBA - Business Economics (Summer 2019)

- Honors Track in Finance : Fundamentals of Valuation, Financial Analysis/Introduction to Loan Structures, Global Portfolio Management, Advanced Corporate Finance, Financial Modeling
- Deans List(6)
- President's List(1)