

# Fullstack React Engineer

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## Summary

I design and develop frontend architecture with a focus on user workflow, design system, scalability, security, code standards and maintainability. I believe every client/products/team/project have different context and requirement and so I use my knowledge and experience to customize solutions and the development process to effectively reach our goals.

STACK: React 17, Redux/toolkit, ES6/ES7, Hooks, context API, Ui-Material, Jest, Node, Express, Sequelize 6, MySQL/MySQL Workbench, BalasmiQ, Axios, Git, Git flow and SmartGit, trello as Kanban board.

INTEREST: GraphQL, Next.js, AWS, React-query, Vercel, Typescript,.

EXP years: 5+ WEB DEVELOPMENT | 4+ JAVASCRIPT | 3+ REACT | 4+ REMOTE

## Collaborations



### Fullstack Engineer

*Self-employed Aug 2020 - Present (5 months +)*

Working and maintain the ERP, adding new features and improvements based on the company operation workflow.

- Code refactoring. Deleted 30% of the code. Optimize the app state with hooks/context.
- Company workflow analysis, fast prototyping and design.
- Rewrite Rest API with async/await.
- Add test suite for scheduler service.

STACK: ES6, ES7, React 17 hooks, Context API, Recharts, Formik, D3, Ui-Material, Git, Axios, Node, Express, Sequelize 6, MySQL, Jest, Cypress.



### Senior React Developer

*NotifyMe srl from Apr 2020 to Jun 2020 (3 months, contract)*

Coded the frontend application. The backend was running on AWS Lambda and the Auth process managed with Cognito.

- Develop a set of reusable UI components. (Design system) based on Material-Ui.
- Jwt authentication with Cognito aws.
- Develop a reusable custom theme.
- Create and integrate a file-uploader by syncing back-end and S3 API.
- Created a form and table generator (from json schema).

STACK: React hooks, Context, Ui-Material, Jss, create-react-app, Formik, Axios, JWT, S3, Cognito, Git, Storybook, Jest, Rest API.



### Fullstack Engineer

*Stoorm5 srl from Oct 2019 to Jan 2020 (3+1 months contract)*

Design and develop more features to for the custom ERP according with client needs. Focus on integration and resources management.

- Optimize React code, migrate redux containers to hooks/context.
- Create page and tab component generators.
- Add storage/warehouse resource functionality (full-stack development).

STACK: ES6/ES, React, Redux, Redux-thunk, Axios Formik, Sequelize 5, Express, MySQL, Ui-Material, Node, Rest API.



### Frontend Developer

*Stoorm5 srl from Apr 2019 to Jul 2019 (3+1 months contract)*

Design and develop a tablet application for Android in the Industry 4.0. I started from the SAP interface mapping the functionalities and the user flow to accomplish the most common operations (storage movement, warehouse movement, products I/O management, etc). I worked with a backend developer that was providing a layer integrated with

SPA API. I redesign the UI and we improved it by study the real/new use cases. Some interesting features:

- Barcode USB reader.
- Wireless barcode printer.

STACK: React, Expo, React-native, Ui-Material (native), Redux, Redux-thunk, Gitlab, Proto.io, Rest API.

### Fullstack Engineer

*Stoorm5 srl from Nov 2018 to May 2019 (6+1 months contract)*

Design and Develop a custom ERP with a focus on production planning (~ 25 sql table).

- Working with company management to gather requirements, study productions workflow and the current system to monitor and save data.
- Prototyping and design with client and project stake holders.
- Mysql database design, Rest API design, infrastructure design.
- Import/export data from sql to Excel, file upload, JWT auth.
- Custom scheduler and work calendar planner. (- 50% time spent compared with old system).

STACK: ES6, React, Redux, Ui-Material, Jss, create-react-app, Redux-form, Redux-thunk, proto.io, Balsamiq-Mockup, Node, Express, Sequelize 5.0, MySQL, Git, Rest API.

### Frontend Developer

*Stoorm5 srl from Sep 2018 to Oct 2018 (1 month contract)*

Design and code a small React application for Tablet. Industry 4.0

STACK: ES6, React, Redux, Redux-Thunk, Ui-Material, Git, Visual studio Code, Balsamiq Mockup, Rest API.

### React Developer

*NinjaBit srl from Jun 2018 to Aug 2018 (3 months. Free-lance)*

Support the agency with frontend development for a new e-commerce based on porcelain. Code photoshop files.

STACK: React, Redux, Bootstrap, Redux-Thunk, REST API, Google maps API.

### React Developer

*Mikamai srl Italy from Sep 2017 to Dec 2017 (3 months contract)*

Consulting in insurance, financial, R&D, design, and prototype, MVP.

STACK React, Ui-Material, BalsamiQ mockup, Npm, Node.

### React Developer

*Evensi srl Italy from 2017 to Jul 2017 (2 months free-lance)*

Design and Code a small SPA to use as a custom checkout page for the company profile in Eventbrite.

STACK: React, Ui-Material, REST API, Axios, Git.

### React Developer

*Skillcast ltd Remote Sep 2016 - Oct 2016 (3 months contract)*

Support backend developer to refactor old code and prepare new API Rest to connect with a React client I developed. I also worked with the Art Director to add some new style effects to their main product (Learning Management System).

STACK: Node, Npm, REST API, React, Ui-Material, Git, Axios.

### Frontend Developer

*iGaming Academy Malta from Mar 2016 to Jul 2016 (4 months contract)*

Design and develop the company website (e-learning and company gaming training)

STACK: WordPress, Divi, Photoshop, BalsamiQ.

### Javascript Developer

*Knotel ltd Remote from Nov 2015 to May 2016 (7 months contract)*

Developer at knotable.com a shared board with different types of notes written in CoffeeScript/Meteor. Worked remotely with Agile/kanban methodology in a distributed team with headquarter in New York.

- Refactor and organize Css files in a reusable modules/class written in Less.
- Refactoring JQuery code into CoffeeScript and Blaze template engine.
- Developer at knotel.com a booking system written in React, UI-Material, and ES5.

- Design and code a set of reusable React (ES5 JSX) components for the Knotel booking system.
  - Working with Docker container, CI (deploy every 3 days), slack and Trello Kanban board with an Agile Features oriented methodologies. Follow senior dev, CTO and product owners.
- STACK: ES5, ES6, CoffeeScript, Ui-Material, React, Blaze, Meteor, jQuery, Sass, Gulp, Git & Gitflow, Slack, Trello, Kanban, Agile.



## Frontend Developer

*FlatMateMe srl Remote from Aug 2015 to- Sep 2015 (2 months free-lance)*

Code the Search page and modals. Google Maps API integration.

STACK: Backbone/Marionette, Scss, Rest API.



## Frontend Developer

*Electronicstars ltd Malta Jul 2014 - Aug 2015 (1 year 1 months. full-time)*

Develop and maintain the company website at electronicstars.com. Spanish startup that organized CS:GO tournament using Steam API. Worked with CTO, CEO, and designers. Some features:

- Full responsive Angular web application.
- Build task automated with Gulp.
- Data shared in JSON and Rest API.
- Facebook and Twitter API integration. Users can see real-time updates on social profiles.

STACK: Npm, Gulp, OOP Angular 1.3 - 1.5, Jira, Git, OOP, bootstrap (less), R.



## Web Developer

*Leaderbet ltd Malta from Mar 2014 to Jul 2014 (4 months. full-time)*

As a junior developer, my main task was to practice/learn all the modern JavaScript technology (stack MEAN) used in the current development of the new sportsbook. I followed other developers working on small web-app and modules for the admin interface.

STACK: Angular 1.3, Mean.js, Auth flow, Jira, MVC.

## Education

### Innovation of Products and Services: MIT's Approach to Design Thinking

MIT Sloan Executive Education (2017 - remote)

**Agile software product management** - (on coursera 2016/2017)

### Alma Mater Studiorum – Università di Bologna (2011)

Bachelor's degree, Computer Science

Thesis "*Design a new UI for Osmosis Skype plugin*" with the supervising professor Ugo DalLago, using Java 5, Swing, Eclipse, Interaction design.

