

# EMINA RAMOVIC

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## TECHNICAL SKILLS

JavaScript, Ruby, Python, C, C++, Ruby on Rails, React, Redux, Express.js, Node.js, D3.js, MongoDB, SQL, PostgreSQL, SQLite3, Heroku, Webpack, JQuery, HTML5, Cascading Style Sheets(CSS3), SASS, MathLab, AutoCAD

## FULL-STACK EXPERIENCE

### **GoodReadsFullStack | (SQL, Ruby on Rails, React/Redux, HTML, CSS)**

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

- A single page React/Redux full-stack application built on a RESTful JSON Rails API, clone of GoodReads app.
- Utilized a search engine by sending a "get" request to the SQL database that contains a path with the addition of a query string that will help with filtering information in the Rails controller.
- Use of Active Records associations to send the necessary information to the front end which reduces the number of asynchronous calls to the database.

### **Profferly | (MongoDB, Express.js, Node.js, React/Redux, HTML, CSS)**

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

- Founded and collaborated with three engineers by using Git workflow, being the flex lead supported both back-end and the front-end.
- Implemented Google Maps API utilized and customized by using the 'google-maps-react' library.
- Implemented live chat by using Socket.io, JavaScript library for real-time web applications.

## PROJECTS

### **PowerUp | (JavaScript, D3.js, CSS3, HTML5)**

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

- Data visualization describing the generation of electrical energy by four different types of power plants.
- Created an animated line and bar charts with D3.js, a JavaScript library for producing dynamic, interactive data visualizations in web browsers.

### **MintBot | (JavaScript, HTML5, CSS3, Botkit.ai, ResumeJSON)**

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

- Integrated Botkit.ai and a parsed JSON file of an individual's resume created via ResumeJSON, MintBot recognizes keywords from the hash of resume data to present information to recruiters and potential employers in an interactive chatbot.

## WORK EXPERIENCE

### **Software Engineer-Backend Developer, NDG Associates Inc.**

Nov 2019 - March 2020

- Updated, organized, and managed flow of pieces of information on all the properties and its residence in the system
- Working with relational databases and advanced PostgreSQL features to improve the handling information of over 10,000 tenants in the system
- Trained the management on how to proceed with storing and fetching necessary information

### **Electrical Engineer, Watt.doo**

Feb 2019 - May 2019

- Determined the most effective approaches to new projects by reading and analyzing blueprints, drawings, and sketches of multi-family houses, top-rated hotels, and restaurants.
- Collaborated with the main engineer to create lighting installation projects using AutoCad, 3D Max, DIALux, Radiance.
- Created and organized over millions of dollars worth of offers for illumination based on electrical installation projects in top hotels and industries in Europe.

### **Electrical Engineer Intern, TVT**

Jan 2015 - Jun 2017

- Proposed electrical product and system modifications to improve quality and efficiency.
- Assists in general office tasks and in system design to develop new technologies that have increased the stability of our transmitters by 73%.
- Provide constructive data-driven feedback to management concerning possible problems or areas of improvement.

## EDUCATION

**AppAcademy** - Highly selective program web development program with a 3% acceptance rate. **March 2020 - July 2020**

**University of Montenegro** - Faculty of Electrical Engineering,

**Sep 2017 - Jan 2019**

Specialization in Analysis of Electrical Grids

**University of Montenegro** - Faculty of Electrical Engineering,

**Sep 2014 - Jun 2017**

Bachelor's in Energy and Automatics