

Jennifer M. Ehala

Software Engineer

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TECHNICAL SKILLS

Languages: Java, Python, Javascript, HTML/HTML5, CSS/CSS3 **Frameworks/Libraries:** React, TailwindCSS, Flask, Django, Express.js, Node.js, Mongoose, Spring Boot, **Databases:** MySQL, NoSQL (MongoDB)
Tools/Technologies: GIT, Github, Firebase, AWS EC2, NGINX, Postman, Balsamiq, Trello
Concepts/Methods: OOP, RESTful API, CRUD Operations, MVC, Agile, JSON

TECHNICAL PROJECTS

NUTRITARIAN EATS | Full Stack Developer | [[GitHub Link](#)] [[Deployed Link](#)]

Recipe Blog Website - MongoDB, Express, React, Node.js

- Integrated \$regex search bar functionality to retrieve and display desired recipe information.
- Created contact form using nodemailer Node.js module and by setting up Gmail OAuth credentials.
- Built database with mongoose/MongoDB for full CRUD functionality applying RESTful backend.
- Integrated Bcrypt to secure client passwords utilizing a native one-way hashing algorithm.
- Established user login/registration using JSON Web tokens to securely keep track of logged in users.

BOOKREADS | Full Stack Developer | [[Github Link](#)] [[Deployed Link](#)]

Social Cataloging Website - Python, HTML/CSS, Flask, MySQL, Javascript

- Good Reads inspired web app where users can see their favorite books using Google Library API.
- Created login/registration and accessible book repository using Google Books API.
- Employed RESTFUL routing and full CRUD functionality for multiple models with MySQL database.

TRIP SHARE | Front-End Developer | [[Github](#)]

Vacation Planning Website - Java, Spring Tool Suite, JSP, Bootstrap, CSS

- Full-stack web development using Java and Spring Tool Suite to create vacation website to plan trips.
- Employed RESTful routing with full CRUD functionality for multiple models with a MySQL database.

PROFESSIONAL EXPERIENCE

Grants Analyst | Rowan University Central Business Office | Cherry Hill, NJ Jan 2020-Sep 2021

- Reports data findings & analysis for clinical departments to improve quality patient healthcare.
- Serves as primary liaison for state & federal government, to support over \$1 million research projects.
- Manage research grants which implemented healthcare education projects & training for Family Medicine.
- Oversee if the grants are implemented according to the operational and financial needs of the organization.

Project Manager | Rowan Family Medicine | Stratford, NJ Jan 2018-Dec 2019

- Managing and supporting the grants requirement and implementation for the organization.
- Oversee grant staff are complying with grant tasks meeting measured goal objectives.
- Perform relevant research to identify available grant opportunities and evaluate the results.

EDUCATION

Full Stack Development Certificate <i>Coding Dojo Online</i> Python, Java, and MERN	Feb 2022
MS, Biomedical Science <i>Rowan University</i> Glassboro, NJ	May 2019
MS, Public Health <i>Rutgers University</i> New Brunswick, NJ	May 2016
BS, Public Health <i>Rutgers University</i> New Brunswick, NJ	May 2014