Ryan Beck

Full Stack Software Engineer

Central Islip, NY | (631) 664-8304 | Email | Portfolio | LinkedIn | Github

I am a Full-stack developer with a Bachelor's Degree in Criminal Justice and possess a strong interest in React and Javascript. As a former NYPD police officer for five years, I gained skills in problem-solving, being resourceful in high stress situations, and empathetically resolving the situations at hand. Along with this I collaborate with different units and precincts. I use those same strengths when programming. Whether it is a bug in my application, collaborating with other team members to get a project completed, or when helping a fellow peer debug. I have a unique ability to approach a problem from an outsider perspective. My past experiences will allow me to foster an environment that prioritizes patience, empathy, and collaboration in order to be a great teammate and programmer.

SKILLS

Cross-team collaboration, pair programming, communication, wireframing, problem solving, debugging.

SOFTWARE

Javascript, React, MongoDB, Mongoose, Express, Django, PostgresSQL, Python, CSS, HTML5.

RELEVANT EXPERIENCE

Software Engineering Fellow | **General Assembly** | Remote | Dec 2022 - March 2023
Successfully completed 500+ hours of expert led instruction in Frontend and Backend development and hands-on learning of Javascript, React, MongoDB, Mongoose, CSS fundamentals. Developed projects, including:

- **Bookshelf:** This was a solo project that utilized JavaScript, HTML, CSS, Bootstrap, MongoDb, Mongoose, Express, Cors, Bcrypt, Jsonwebtoken, and Passport. Bookshelf is an application where you can have your very own book tracker. You can create an account in order to add books and notes onto your books.
- **[Mario Themed Slot Machine](Mario%20Themed%20Slot%20Machine):** This was a solo project that utilized JavaScript, HTML, and CSS. The program uses an animation to display the slot reel change. It also has a wager system where you can choose between three different bet amounts and different matches return a different win value.
- **Passport:** This was a group project that utilized JavaScript, HTML, CSS, MongoDb, Mongoose, Express, Cors, Bcrypt, and Jsonwebtoken. Passport is a virtual destination tracker. You can create an account and add your past trip destinations and notes on that trip. My main role during this project was GitHub Manager.
- **[Recipe Food Forum](Recipe%20Food%20Forum)**: This was a group project that utilized JavaScript, Python, React, Django, HTML, and CSS. Recipe Food Forum is an application where you can create an account and view recipes people have posted and also create your own for others to see. You can also add an image of your created recipe.

Police Officer | **NYPD** | New York City | July 2017 – August 2022
- Assigned to patrol community events which included regular interaction with the public and risk mitigation for the safety of our diverse NYC community.
- Responded to high stress situations, such as disputes, where I routinely reacted quickly, effectively, and empathetically resolved the situation at hand.
- Collaborated with a number of different units and precincts to address hazardous conditions and crime scenes.

- During COVID, responded to frequent wellness calls, which included delicate interaction with families and ensuring residents had access to emergency healthcare when necessary.

Plumber Apprentice | Biagio Plumbing & Heating | Long Island, NY | 2011 – 2017
- Replaced and helped maintain boilers, water heaters, new house ruffing, and underground pipe work.
- Kitchen and bathroom remodelings.

EDUCATION
General Assembly | Software Engineering Immersive | Remote | 2023
Bachelors of Science | John Jay | New York, NY | 2017