

Gabriel Jastrzebski

South Plainfield, NJ

[LinkedIn](#)

[Github](#)

(908) 420 3895

gjb3@njit.edu

Education

New Jersey Institute of Technology

2021- Expected December 2024

Bachelors of Science in Information Technology

Concentration in Web Development & Minor in Business | 3.8 GPA

Skills

Scripting Languages: HTML, CSS, JavaScript/Typescript, PHP, Python

Programming Languages: Java, Bash

Libraries: React, Bootstrap, Next.js, Shadcn, Nodemon, Selenium, BeautifulSoup, Pytest, Faker, Pandas

Database Administration: MySQL, MongoDB, Access

System Administration: Windows 10, Linux (Ubuntu 18.04 LTS, CentOS 7)

Server Administration: Node.js, Express, Apache2, RabbitMQ

Technologies: Git, Github, Figma, Tableau, Postman, Google Compute Engine, Microsoft Office Suite

Projects

Full Stack Developer - Movie Website ([Github Repository](#))

Spring 2024

- Collaborated in an AGILE group where developmental progress and hinderances were routinely discussed
- Responsible for the management and creation of MySQL databases, along with database replication
- Worked with TMDB's RESTful API to fetch data to be incorporated into the framework of the website
- Developed a forum page using PHP that would store messages in an SQL database that would be communicated via RabbitMQ queuing
- Synchronized log files to be updated in real time across 4 virtual machines

Full Stack Developer – MERN Movie Website ([Github Repository](#))

Spring 2024

- Developed a full-stack web application for users to write and manage movie reviews using MongoDB's sample_mflix dataset in Atlas, built with the MERN stack
- Utilized React and Bootstrap for a dynamic, responsive, and modern user interface, Nodemon and MongoDB Atlas for automatic server restarts during development and scalable, reliable data storage
- Implemented secure CRUD operations with user authentication and authorization

Front End Developer - Business Website ([Github Repository](#))

Fall 2023

- Developed a [website](#) that houses the menu of a coffee shop, consisting of 90+ Lighthouse scores, GDPR cookie consent, ARIA integration, and MailChimp's API
- Used React's 'ChakraUI' library and hosted the site on Vercel
- Created paper and [Figma](#) wireframes and solicited external feedback to enhance design features

Back End Developer - Java Chatroom ([Github Repository](#))

Spring 2023

- Programmed a Java chatroom that allowed multiple clients to message on a single server via threading with UI integration using the JPanel library ([Demo](#))
- Added features including HTML styling, whispering, muting, and chat exportation

Work Experience

NJ Department of Health, Software Engineer Intern

Ewing, NJ 2024-Present

Created a web application using the MERN stack that integrates Tableau's API to create dashboards regarding viral variant prevalence and transmission clusters from the start of the pandemic to the present day

Texas Roadhouse, Server

North Plainfield, NJ 2021-2024

Responsible for assisting customers and communicating with both managerial and culinary staff