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Technical Toolkit

Frontend: React, JavaScript, ES6, HTML, CSS

Backend: Node.js, Express.js, Python, MySQL, MongoDB

Other: Git, GitHub

Experience, Education & Projects

Self-Taught in Web Development June 2020 – Present

Node.js, Express.js React, Python, MongoDB, MySQL, API, Postman, Axios, HTML, CSS, EJS, Media Queries, Responsive Design, Git, GitHub

- Built 3 projects from scratch using web development techniques (ordered by most recent)
 - Math Camp [\[Demo\]](#) [\[Git Repo\]](#)
 - Cocktail Finder [\[Demo\]](#) [\[Git Repo\]](#)
 - War Game [\[Demo\]](#) [\[Git Repo\]](#)
- Read documentation, searched Stack Overflow, and watched tutorials to learn best practices for implementing various technologies
- Tested API routes using Postman and created an API using Swagger
- Implemented token-based authentication and stored relevant token information in a Redis Cache to ensure faster re-authentication
- Sent automated emails based on user input using Nodemailer, Etheral, and SendGrid
- Utilized template engines for quicker development
- Scraped websites using Python and stored data in a relational database management system

Middle School & High School Math Teacher @ Bloomfield Public Schools (Connecticut),

July 2018 – June 2021

8th Grade, Geometry, Precalculus, AP Calculus

- Created and followed lesson plans aligned to the Common Core Standards
- Prepared students of all levels for their high-stakes assessments (SBA, PSAT, SAT, or AP Exam)
- Communicated with families regarding their child's progress
- Provided students with prompt feedback and maintained an up-to-date gradebook
- Collaborated with teachers to ensure our lessons cover the same material so that every student is exposed to the same content regardless of the teacher
- Supported other teachers by offering advice and strategies on how to work with certain students
- Assisted teachers in setting up their Google Classrooms and learning the G-Suite for distance and hybrid learning