William R. Fay

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SOFTWARE DEVELOPER | PRODUCT SUPPORT | IMPLEMENTATION ENGINEER

OBJECTIVE

As an innovative software developer experienced in the full software development lifecycle, I am seeking a role as a Software Engineer. I am goal-oriented, collaborative, and creative with a growth mindset and passion for development and learning on all levels. I recently completed a software development bootcamp and look forward to utilizing the skills honed in the bootcamp and self-directed learning conduits in a professional setting.

EDUCATION

Software Development Certificate	Burlington Code Academy at Upright Education	2023
Masters of Arts in Teaching - Secondary English Instruction	University of Vermont	2021
Bachelor of Arts - English	St. Olaf College	2016

TECHNICAL SKILLS

JavaScript	HTML/CSS	Node.JS	React	Next.JS	Python
Git/Github	APIs	MongoDB	Express	Visual Studio Code	Object Oriented Programming

TECHNICAL PROJECTS

[Burlington Code Website Capstone Project](#) | Next.JS, React.JS, MongoDB, Visual Studio Code, CSS, HTML, Figma

- Consulted with cohort members and client to determine minimum viable product and execute design and function
- Designed UI of app to meet client's preferences for accessibility and a neo brutalist style using Figma
- Organized UX of app to implemented client's need for user and admin logins and a contact page
- Utilized GitHub to maintain remote repository, manage pull requests, track changes, and coordinate on issues
- Designed and developed Burlington Code website that allows event spaces to post vacancies and code-related events to fill vacancies using MongoDB Atlas as the database layer
- Learned and implemented Next.js React framework for project front-end, including React Router and a useState hook mobile nav,

[Personal Portfolio](#) | React.JS, GitHub Pages, JavaScript, Node.JS, HTML/CSS, Visual Studio Code, React Router, Vite JS

- Developed React App with Vite JS build tool and React Router
- Utilized onClick event handlers for JavaScript powered transitions to additional pages
- Built various projects that are displayed on the Portfolio that demonstrate experience with OOP in JavaScript, extensive HTML and CSS, MongoDB Atlas, Express, and React Hooks
- Future steps include: utilzing CSS media queries for mobile accessibility, implementing React's useState hook for hamburger-style nav dropdown, and combining useState and useEffect to make pages fade-in smoothly

PROFESSIONAL EXPERIENCE

Teacher | Pennsbury School District & Mount Abraham Union High School   August 2020 - Present

- Prepare and adapt lesson plans while keeping in line with district guidelines for 9th and 10th grade curriculum
- Evaluate class-wide learning trends to determine effective teaching strategies and assess student needs individually through formative and summative data in order to foster an equitable learning environment
- Collaborate with special educators/counselors to modify curriculum for special education students according to IEP's
- Developed Virtual Support Teacher position by implementing key functions and processes to support students who were remote due to COVID and adhered to IEPs for students in order to foster individual growth and ensure equity in the classroom
- Corresponded clearly and effectively with students, families, and teachers remotely and in person in order to ensure students were supported during quarantine periods due to remote learning
- Maximized accessibility for students and engaged with families by utilizing learning tools, such as Canvas and PowerSchool
- Implemented Common Core standards to set discipline-specific and habits of work learning targets for students
- Analyzed student evaluation data to tailor lessons, units, and courses for student success

Fundraising & Development Coordinator | National MS Society, Villanova University, American Heart Association   February 2017 - June 2020

- Provided administrative support for Development Directors at American Heart Association (AHA), assisted with fundraising, mailings, copywriting, and editing for fundraising/marketing materials in collaboration with Communications Team
- Maintained databases of individual donor and corporate sponsorship information to report event fundraising totals for AHA's Heart Ball
- Coordinated aspects of event planning for multiple cultivation events by procuring venues, caterers, coordinating volunteers, organizing vendor meetings, and day of event logistics and trained Associates for high-volume event season
- Developed workbooks to collect and record vital event information of guests, program book, volunteers, and auction for the 700+ attendee Philadelphia Heart Ball
- Provided constituents with exceptional customer service, and assisted with fundraising account organization by submitting fund transfers, entering new gifts, and providing event and technical support
- Communicated questions and answers to National MS Society peers located in various regions throughout the U.S., and collaborated on solutions to discrepancies within the website as well as constituent concerns