

Matthewos F. Woldemichael

Software Engineer

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TECHNICAL EXPERTISE

JavaScript, HTML, CSS, Sass, TypeScript, Node.js/Express, ReactJS, React Hooks, Redux, Git/Github, Firebase, MySQL, AWS (EC2, Elastic IPs), Tailwind CSS, RESTful APIs

EDUCATION

New York University, New York, NY

Expected May 2025

Candidate for Bachelor of Science in Information Systems Management

GPA: 3.77

Relevant Coursework and Awards: Fundamentals of Computing, Database Design, Computer Internetworking, Data Communications, Management Information Systems; Dean's List, Merit Scholarship

WORK EXPERIENCE

Eastern Recruitment

January 2020 – April 2020

Software Engineer Intern

- Utilized *React* to build a responsive web app to leverage the ability to write reusable components that efficiently renders on the browser for a smooth user experience with minimal delay between user interaction
- Skyrocketed the company's conversion rate of students by 10% by applying the Node.js library Twilio, developing an SMS messaging system and building a notifications infrastructure
- Verified site functionality by conducting thorough testing of front-end UI for cross-platform compatibility and provided ongoing maintenance by updating content, integrating new technology, and monitoring website performance

International Scholars

May 2022 - August 2022

Software Engineer Intern

- Implemented *CSS modules* with *Sass* to generate locally scoped class names, avoiding class name collision in global scope and maintaining scalability of CSS code while working with UI/UX team to provide pixel perfect match to mockups
- Implemented *Javascript ES6* to avoid callbacks by using both promises and the *async/await* pattern so that synchronous blocking style could be implemented to ensure *AWS* processing was complete in our functional procedures
- Assisted in designing a back end architecture leveraging *Node.js/Express* server to construct *RESTful API* with modularized middleware with *async* database connections that enable user authentication, session tracking and data storage
- Participated in code reviews and provided constructive feedback to peers to improve the overall quality of the codebase

Freelance Web Developer

June 2020 - Present

- Designed a *React* front end to improve both user and developer experience while creating a modern, responsive user interface and performing a much needed update to old websites
- Implemented *React* components to dynamically render updates based on changes in state and to declaratively construct UI
- Ensured the website's functionality and improved the user experience by validating the front-end UI for cross-platform compatibility through testing, and enhancing the navigation and design for a more user-friendly experience
- Addressed clients' needs and ensured smooth operation of the website through prompt resolution of issues, ongoing maintenance and updates, and a commitment to providing high-quality service and support

PROJECTS

E-portfolio ([Github](#); [Online Demo](#))

- Developed a personal portfolio website using *HTML*, *JavaScript*, and *CSS*, enhanced with *CSS* animations and transitions for dynamic user interaction. Integrated *EmailJS API* for efficient 'Contact Me' form functionality, and implemented a toggleable dark mode feature for improved user experience

Netflix Clone ([Github](#); [Online Demo](#))

- Built a Netflix clone with a *React* front-end and *Firebase* back-end, utilizing *Firebase* Authentication for user login capabilities. Integrated *TMDB API* for comprehensive data retrieval, enabling personalized user experiences through the storage and management of user-specific data in *Firebase*