Andrew A. Saifnoorian

github.com/andrewsafe | Fort Lee, NJ | linkedin.com/in/andrewsaifnoorian

Work Experience

Software Engineer, M&T Bank   July 2023 - Current

- Optimizing document workflow automation: Refactoring PDF batch processing algorithms to enhance scalability and efficiency across diverse file structures and organizational hierarchies.
- Led critical release management processes and spearheaded three key Request for Comments (RFC) initiatives, demonstrating commitment to project excellence through extended hours collaboration.
- Decommissioned old platform while developing the internal sales and client portal for the Treasury Department with Angular, JavaScript, ServiceNow.
- Performing quantum metrics functionality which allows authorized users to view session replays of customers interactions with the portal if requested. Conducted rigorous debugging and testing, utilizing strong analytical skills to enhance stability
- Actively engaged in code reviews, providing valuable insights for optimizations, and collaborating with cross-functional teams for smooth integration, supporting M&T's modernization efforts.
- Initiated and implemented three projects in Selenium, reducing software adaptation workload by 2-3 days per site, streamlining operational efficiency. Created documentation and templates for the team to be able to become hands-on with Maven, Selenium, and Cucumber for automated testing.

Software Engineer, Heroes Non-Profit   June 2023 - Current

- Led the development of an interactive organizational website, managing the project from both business and technical perspectives. Involved in design, development, and testing phases to ensure effective communication of the organization's mission to a broad audience.
- Developed a personalized AI writing guide for youth, employing natural language processing and machine learning techniques. Automated guide evolution to meet evolving needs of aspiring writers, ensuring tailored responses and valuable insights.
- Implemented innovative technology solutions for a non-profit organization, optimizing workflows, enhancing efficiency, and bolstering data security measures.
- Managed payment processing and developed secure full stack applications, ensuring seamless and safe transactions for users.
- Proficient in technologies such as React.js, .NET framework, Tailwind CSS, Express.js, and PostgreSQL, leveraging these tools to create dynamic and secure web applications.

Software Engineer, Maxentric Technologies LLC   June 2022 - September 2023

- Designed and developed a full-stack application IT ticketing system software that enables organizations to resolve their internal IT support queries by managing and streamlining the process of issue.
- Programmed the front end side using Vue, text stack, and quasar (HTML, CSS, Javascript). Initiated feathersjs and feathers-hooks-common to create a backend API. Used MongoDB to store and retrieve all documented information. Created a messaging system that can connect users seamlessly.
- Updated Git and Github to publish finished code and relay all updates to other team members.

Projects

Car Maintenance Mobile App   May 2024 - Current

- Developed a real-time vehicle tracking application using Java and Swift, integrating GPS technology and Google Maps API. Implemented features like geofencing, historical data analysis, and notifications.
- Utilized Firebase for real-time data synchronization. Contributed to both frontend and backend development, enhancing vehicle management and security.

Education

Johns Hopkins University Masters Program   Aug 2024 - Current

Major - Computer Science

Rutgers Honors College   Aug 2019 - May 2023

Majors - Computer Science, Business Analytics and Information Technology,

- Honors - Presidential Scholar, Honors College, Dean's List, 3.5/4.0, SAT 1 – 1600