

SKILLS & TECHNOLOGIES

JavaScript, TypeScript, Python, Java – React, Angular, Django, Spring – AWS, GCP, Firebase – Webpack, Jest, Recoil, Redux

WORK EXPERIENCE

Senior Software Engineer

IMANAGE

FEB 2023 – JULY 2023

IMANAGE RISK & COMPLIANCE

- Led the complete modernization of the tech stack for the entire web application of the Risk and Compliance org – with a seamless transition from React 16 to 18, ensuring proper compatibility and functionality with upgraded dependencies and libraries. This initiative contributed to an improved user experience, functionality, and scalability of UI components.
- Contributed to the design and development of a WYSIWYG form designer and a drag-and-drop interface using ReactJS, simplifying the form-building process and enhancing the user experience.
- Took responsibility for improving our in-house design system by upgrading and maintaining UI components as the app went through multiple stages of release cycles and upgrades, maintaining the overall build of the app utilizing ReactJS.
- Orchestrated a seamless migration for the unit tests from Enzyme to React Testing Library while preserving legacy support, creating a clear path for future upgrades. Integrated the new testing infrastructure into the CI/CD pipeline, outlining the code coverage for both React 16 and React 18 tests.
- Contributed to the successful replacement of the web application's bundling tool – transitioning the application from Neutrino JS to Webpack 5, enhancing the overall build process, and removing barriers for future improvements.

Software Development Engineer

AMAZON, INC.

APR 2021 – MAY 2022

Amazon Web Services – AWS Migration Services

- Contributed to the complete re-architecture of the user interface of AWS Migration Hub as a part of the AWS Migration Services org. Enhanced the customer experience of migrating to AWS by leveraging a modernized technology stack.
- Developed and integrated data-intensive React components with internal APIs using React-Redux and Redux Thunks, effectively managing the state of data throughout the UI, optimizing performance, and reducing page load latency.
- Played a key role in the planning phase of the project, working with the team to write design documents and identify suitable tools and technologies to integrate into the new architecture.
- Improved test coverage levels for the unit and integration tests that led to a 10% increase during the first launch of the app and handled the initiative of that daily through code-reviews.
- Received a high peer performance evaluation throughout the year with solid leadership principles quarterly.

Software Engineer

VMWARE, INC.

OCT 2019 – MAR 2021

Cloud Platform Business Unit – vSphere & ESX Client

- Contributed to migrating vSphere & ESX Web Clients from AngularJS to Angular for improved performance, scalability, and enhanced tooling support. Optimizing the web applications for faster load times and efficient code organization.
- Developed modular and reusable Angular components with advanced state management configurations using NGXS, optimizing efficiency and scalability of the complex UI of vSphere & ESX web applications on a daily basis.
- Integrated a telemetry and data collection tool to track user actions, resulting in improved service delivery and an enhanced user experience by providing valuable insights for proactive issue detection and data-driven decision-making.
- Integrated Axe, an A11Y testing tool following WCAG standards, into the existing end-to-end testing framework to enhance accessibility and improve user experience by ensuring accessibility compliance.
- I was awarded additional stock, granted in Q3/2020 for my overall performance and contribution to the team.

Teacher Assistant - Grader

WESTERN MICHIGAN UNIVERSITY

MAY 2018 – DEC 2018

College of Engineering & Applied Sciences – Computer Science Department

- Served in a teaching assistant role for several semesters in the Computer Science Department.

Student Programmer

WESTERN MICHIGAN UNIVERSITY

FEB 2017 – NOV 2017

Western Michigan University - Office for Sustainability

- Collaborated with a cross-functional team to develop responsive pages using JavaScript/HTML/CSS and Twitter Bootstrap.

EDUCATION

KALAMAZOO, MICHIGAN

WESTERN MICHIGAN UNIVERSITY

JAN 2016 – APR 2019

- B.S in Computer Science | Minor in Mathematics | GPA: 3.56/4.00 Cum Laude | Dean's List (Several Semesters)

AWARDS, & PROFESSIONAL DEVELOPMENT

Awards – Pi Mu Epsilon, awarded membership from Pi Mu Epsilon, the U.S. honorary national mathematics society; Awarded additional stock at VMware that was granted in Q3/2020.

Professional Development – Overwatch Central – (owcentral.com); Open-source contributions, most notably Clarity; Borathon: Participated in VMware's hackathon in 2020 and reached the finalist stage.