

Tanzim Pathan

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EXPERIENCE

Software Developer, iPassword

Jan – Apr 2023 & Sept – Dec 2023

- Developed an automated email dispatch system using Go to monitor and target enterprise users to boost family account conversions, which is projected to increase ARR by up to \$500,000 through new account sign-ups
- Implemented a progress tracker in Typescript for a new onboarding flow across multiple platforms to increase the onboarding completion rate
- Rebuilt the onboarding and activation flows using a new design system such that the outdated signup, joining, and recovery interfaces all used streamlined components to increase visual and functional consistency
- Created a working prototype of a cross-platform custom templates feature with TypeScript and Go, allowing users to organize templates based on their individual needs and reduce in-app clutter
- Wrote and refactored unit tests with Jest and React Testing Library, adding significantly more coverage to the onboarding & activation user flows

Software Engineer, TealBook

May – Aug 2022

- Built data visualization components with React and Redux using TypeScript for TealBook's flagship supplier procurement and Environmental, Social, and Governance (ESG) reporting platform
- Streamlined user flow for uploading files for ESG and diversity compliance checks, reducing upload time by 40%
- Implemented end-to-end error handling for file uploads, supplier surveys, and exporting data across the web application
- Improved globalization coverage across the application by 35% using React-Intl

Software Developer, Tjene Consulting

Sept – Dec 2021

- Built interactive data visualization tools with JavaScript and React for use with IBM TRIRIGA's integrated workplace management system, allowing users to create lease management graphs and reports 3x faster on average
- Spearheaded the development for the latest release of Tjene's flagship product, implementing major features such as a custom color and pattern picker, and filter validations to comply with complex business logic
- Created custom products for clients, including a dashboard to organize and export millions of data points with SheetJS
- Developed a new drag-and-drop dynamic data report generator with the React Grid Layout library
- Debugged and refactored modules in each testing sprint such as data aggregation functions, which reduced aggregated table load speeds by 40% with AG Grid

Front-end Developer, Veer AI

May – Aug 2020 & Feb – Apr 2021

- Developed the corporate website (veer.ai) from wireframes to Figma high-fidelity prototypes to production using standard web technologies with a focus on responsive design and maintainability
- Overhauled the component library from Bootstrap to React MaterialUI to develop modular components that increased efficiency in product development and ensured compliance with established style guidelines
- Implemented Nivo and Apex React data visualization libraries to develop Veer AI's dashboard web application MVP
- Designed prototypes for new features in Figma (Shopify integration, simplified customer segmentation dashboard, client login) to help clients visualize their customer, which increased client acquisition by 15%

EDUCATION

BASc. Honors Computer Engineering, University of Waterloo

Expected Graduation: April 2024

- International Experience Award (2022) – Academic exchange semester at the University of Leeds School of Computing
- President's Scholarship of Distinction (2018)