

# SHIHAB CHOWDHURY

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## SKILLS

**FRONTEND DEVELOPMENT:** HTML, CSS, JavaScript, React.JS, SCSS, Node.JS, NextJS, Redux, styled-components, MobX

**PROGRAMMING:** Node.js, Go, Python, TypeScript

**CI/CD / CLOUD INFRA:** CircleCI, Docker, Kubernetes, Digital Ocean

**DATABASES:** Redis, MongoDB, PostgreSQL, Prisma

**COMMUNICATIONS:** Technical Writing, API Documentation, Technical Articles, Blog Posts

## EMPLOYMENT

**Prudential Financial, Senior Software Engineer, Newark, New Jersey** Sept. 2022 - Current

- Lead a development team of 7 engineers in planning and developing a new life insurance web application, enforcing modern standards and introducing new tools to create a better development lifecycle for engineers.

- Assisted early talent team with intern interviews for over 20 candidates

- Held year-round bi-weekly developer touchpoint to help mentor and guide junior developers on the team

- Used wide knowledge and proficiency in working with React applications to quickly respond and resolve 25+ production bugs resulting in faster bug fixes for our users

- Created documentation for a journey of over 150 developers to emphasize and enforce modern development standards

**Prism Technologies, Software Engineer (Full Stack), Remote** June 2021 - Aug. 2022

- Lead frontend development of new desktop app, Refract, which has gained almost 1,000 active users within 6 months of release.

- Planned and executed code refactors leading to a 64% decrease in update release time, significantly altering our CI process

- Planned, communicated, and lead a small team of engineers to lead an infrastructure abstraction allowing us to build new apps on top of an internal framework, speeding up the release of Refract.

- Executed a refactor of the user dashboard into Next.JS, leading in massive load time improvements

**Lex Software, Software Engineer (Full Stack), Remote** Mar. 2021 - June 2021

- Converted desktop application from HTML/CSS/JS to React, which significantly increased load times, performance, and usability, thus increasing the amount of running users by 70% on any given day.

- Used virtualization in React to allow viewing of large datasets of tables with 3000+ entries with little to no lag

- Refactored older backend JavaScript code to TypeScript in order to be more performant, maintainable, and clean

**Scout, Software Engineer (Frontend), Remote** Nov. 2020 - Mar. 2021

- Worked on a team of 3 developers to plan and rewrite the Ruby on Rails app in React.

- Leveraged modern frameworks such as Next.JS and MobX to use be tech forward, using server side rendering and static site regeneration to provide a faster and seamless experience for users

- Wrote custom user onboarding flows, and increased user retention by 18%

**Game Seven Everyday Inc., Software Engineer (Part-Time), New York, NY** June 2020 - Sept. 2020

- Developed backend applications in order to analyze data for the companies orders

- Developed a system to automate pre-production tasks in order to speed up turnaround, leading to a 38% increase in order turnaround time.

- Allowed employees to focus work on less repetitive tasks by automating the repetition

- Planned and developed a custom user dashboard on top of Shopify's powerful APIs in order to allow employees to have a more integrated experience with other applications used on the day-to-day of operations.

## PROJECTS

**Module** Apr. 2022 - Sept. 2022

- Created a calculator application utilizing the API, bringing 10,000 additional visitors onto the site in a day.

- Developed a blog site using Next.JS and Contentful as a CMS in order to allow more developers insight on the applications

- Planned, developed, and maintain the user dashboard, releasing weekly updates in order to increase customer satisfaction and retention

Module is a data-aggregation API focusing on Web3 technology and markets. Currently, I have worked on a multitude of different frontend web applications for them, including their blog site and developer dashboard. For a live demo, please visit <https://dash.modulenft.xyz> and <https://blog.modulenft.xyz>.

**Discoders** Apr. 2019 - Apr. 2020

- Created a community allowing for online resellers to socialize and network

- Created custom applications to help members purchase limited clothing and software

- Made members tens of thousands through the assistance of purchasing limited software

- Assisted thousands of people by providing my software to other similar communities

**OnDemand** Apr. 2020 - June 2020

- Empowered 12,000 resellers to purchase Nintendo Switch consoles at the height of the pandemic

- Brought faster monitoring speeds and notification times than competitors at the time

## CERTIFICATIONS

**SAFe 5 Agile Software Engineer, Scaled Agile, Inc.** July 2023

**SAFe 5 DevOps Practitioner, Scaled Agile, Inc.** July 2023