

# Milad Sadeghi

## Frontend Software Engineer

Personal Website | [LinkedIn](#) | [GitHub](#) | [Blog](#)

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### SKILLS

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- Languages and libraries** : JavaScript - TypeScript - HTML - CSS - SCSS - Tailwind CSS - CSS Modules - React - Styled Components - Redux - React Router - React Query - StoryBook - Cypress - React Testing Library - Jest
- Dev Tools and technologies** : RestAPI - Git - GitHub - Supabase - Linux - CI/CD - Unit/Integration/E2E Testing - Vite - Webpack
- Other skills** : Leadership - Algorithms - Data Structures - Scrum

### WORK EXPERIENCE

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- FrontEnd Software Engineer** Fulltime, SwiftSky (Sep 2019 - Sep 2023) 4 years, 1 month
- Spearheaded a team of three engineers in a comprehensive **migration** from **JavaScript** to **TypeScript** which modernized whole complex codebase and solidified its overall **maintainability**.
  - Optimized web app performance by using **react component memoization** which prevented **unnecessary re-renderings** and made **user experience** smooth.
  - Leveraged react **lazy loading** and **code splitting** which reduced initial bundle size by **48%**
  - Worked on a custom component library and applied design standards using **storyBook** and **styledComponents** to make a well-designed and easy to use component library to help business to save time and money on development costs.
  - Refactored complex components such as modal window by applying the **compound component pattern** which reduced the number of props that needed to be passed to components and made them **easier to maintain** and **reuse**.
  - Improved test coverage by writing and maintaining comprehensive unit, integration, and end-to-end tests using **jest** and **cypress** which increased test coverage from 60% to 87% and reduced the number of bugs in the production.
  - Implemented custom commands for **cypress** to make tests more efficient and reusable which reduced the time spent for writing and maintaining end-to-end tests.
  - Configured a CI/CD pipeline for **cypress** on **github actions** to test web app on various web browsers which automated the testing process and saved the company testing costs.
- Programming Instructor** Part time, Discord (Oct 2023 – Present) 3 months
- Taught and mentored 20+ junior/medior developers on the TypeScript language through a Discord server
- Content Creator** Part time, Hashnode (Apr 2019 – Present) 4 years, 8 months
- Published a lot of technical blog posts about JavaScript, TypeScript, React and Python on [hashnode](#), [medium](#) and [virgool](#) platforms
- OpenSource Contributor** Part time, Github (Mar 2019 – Present) 4 years, 9 months
- Built several repositories such as [feip](#) and [lcrs](#) to help other developers get prepared for technical interviews
  - Refactored the codebase of [fprime](#) project which is the flight software of [NASA mars helicopter](#)
  - Developed new features for [scipy](#) project such as [khatri-rao](#) matrix product