

Leila Ilkhani — Frontend Engineer

As a tech enthusiast with a backend development background, I specialize in Frontend Engineering, bringing a systems thinking mindset to web development challenges. This comprehensive foundation, built since late 2019, enables me to engineer solutions that consider the entire application lifecycle. I prioritize developer experience alongside user experience, focusing on maintainable architectures that empower teams to deliver robust, scalable web applications efficiently.

Notable Experiences

Kavenegar — Enterprise cloud-based messaging and communication solutions

TechStack:

ReactJS – NextJS – TypeScript – ParcelJS – TailwindCSS – PreactJS – HighCharts – ReactQuery – Yup

Achievements:

- Engineered seamless migration of 30K+ LOC using parallel development, ensuring production stability.
- Architected flexible payment subsystem supporting multiple payment types and methods.
- Implemented adapter pattern to streamline integration of 5 different payment services.
- Designed user-friendly payment flows optimizing for simplicity and future extensibility.
- Streamlined development workflow by adhering to git-flow practices and automating 700+ hours of time tracking with custom Jira integration.
- Spearheaded comprehensive technical feature review process, ensuring alignment between requirements and delivery.
- Orchestrated cross-team collaboration through strategic meetings and feedback loops.
- Evaluated technical implications of new features, identifying security and other business policies considerations.
- Conducted thorough quality assurance, validating implementation against documentation.
- Architected framework-agnostic push notification SDK with <8KB bundle size impact.
- Designed intuitive SDK setup process enabling integration by 100+ non-technical users.
- Implemented comprehensive end-to-end testing to inform user about integration status.
- Developed flexible SDK architecture supporting style overrides and custom UI implementation.
- Facilitated effective communication in a 17-member team through proactive communication across multiple channels.
- Designed comprehensive technical assessment framework for Frontend candidates.
- Evaluated 30+ candidates with code challenges on debugging, validation, and architecture.
- Authored detailed technical reviews on candidates, assessing both hard and soft skills.

EngaLand — Blockchain based game

TechStack:

Svelte – ReactJS (pre refactor) – TypeScript – RxJS – ZoneJS – TailwindCSS – WobbleJS – ReactSpring

Achievements:

- Collaborated with an 8-member team, fostering effective teamwork and collective goals.
- Implemented 7+ advanced animations and dynamic background art generation.
- Improved code quality through precise TypeScript usage, eliminating runtime errors.
- Utilized Git submodules, promoting 37% code reusability between repositories.
- Implemented 20+ real-time data providers across logic and UI, enhancing interactivity.
- Contributed actively to product enhancement through valuable input in meetings.
- Mentored a colleague in Frontend development with ReactJS, helping with their growth.
- Developed a telemetry bug report system leveraging ZoneJS & RxJS for efficient debugging.
- Analyzed 5+ smart contracts and crafted decoupled Web3 business logic TypeScript APIs.
- Composed project documentation and expanded UI/UX design and prototypes.
- Overhauled tech stack, improving performance by 50fps+ and provide better developer experience.

MaskSpace — NFT marketplace for a local game

TechStack:

ReactJS – ParcelJS – TypeScript – RxJS – Bulma

Achievements:

- Implemented scalable solutions like Vertical slicing, Dependency injection, and ReactiveX.
- Mastered 10+ essential EIP standards through research and learning.
- Enhanced stability with error-free TypeScript code.
- Created decentralized blog viewer using IPFS and Markdown.
- Developed a TimeLock manager DApp for secure pre-sale offerings.
- Designed reusable, maintainable, and context-free components.

OmbreWallet — Ombre blockchain SPV wallet application

TechStack:

ReactJS – ElectronJS – TypeScript – TailwindCSS

Achievements:

- Built ElectronJS desktop app, migrating VueJS codebase to ReactJS from RYO currency.
- Implemented core wallet features: transfers, transaction history and multi-wallet management.

Contact Info

Please kindly schedule calls through email first.

- Email: work@leila.sh

Skills

Language & Markup:

JavaScript – TypeScript – HTML – CSS
SASS

Frontend Framework:

ReactJS – NextJS – Svelte – SvelteKit

CSS Framework:

TailwindCSS

Blockchain:

EthersJS – HardHat

Build Tool:

ParcelJS – Vite

State Management:

ReactiveX – RxJS

Animation:

GSAP – WobbleJS – ReactSpring

Versioning & TPM:

Git – Jira – GitlabCI

Testing:

Jest – Mocha-Chai – Puppeteer

DevOps:

Docker – Linux – Bash

Utilities:

HighCharts – ReactQuery – Yup
ReactHookForm

Other Tech:

ZoneJS – ElectronJS

Interests

Domain Driven Design

ThreeJS

Open Source

EngaLand

[gh/SpaceRhinoStudio](https://github.com/leila-sh/SpaceRhinoStudio)

Kavenegar Push Notification SDK

[will be open to public soon...](#)

Education

BSc. Software Engineering

2015 – 2019