

Mokshit Jain

based in delhi, india

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EXPERIENCE

Replay.io — Frontend Engineer Intern

July 2023 - December 2023

Shipped **14 features** and bug fixes in the React & Redux Devtools, like improving the *jump-to-code* functionality in the Stack Trace Panel to enhance the debugging experience. Got mentored by *Mark Erikson*, the maintainer of Redux.

Bumi — Software Engineer

July 2022 - November 2023

Researched performance bottlenecks caused by CSS-in-JS libraries like Styled Components and Stitches.

Improved [Macaron](#), an optimizing CSS compiler that stripped CSS-in-JS runtime by static analysis, and incorporated in Bumi's codebase.

Abstract Ventures — VC Analyst Intern

June 2023 - August 2023

PROJECTS

Typewind — The safety of Typescript with the magic of Tailwind typewind.dev

Created a zero-runtime Javascript library to make Tailwind type-safe, with **2.2k+ stars on GitHub** using *Babel*, *Typescript*, *SWC*, and *Rust*. Wrote the docs and managed the community PRs and issues.

Reached **500k+ views** on docs, featured in **GitHub Trending Repositories**, and got sponsored by Vercel.

Macaron.js — Compiler-augmented typesafe CSS-in-JS library macaron.js.org

Developed a CSS-in-JS styling library with a *styled-components-like* API but zero runtime, typesafety & colocation to maximize productivity using *Babel*, *Typescript*, *Vite*, *esbuild* with adapters for *React*, *Solid* & *Qwik*.

Reached **700+ stars** on GitHub and **75k+ installs** on NPM.

RESEARCH EXPERIENCE

FOLD — Geometric Folding Algos & Origami @ MIT CSAIL [GitHub](#)

Built WebGL renderer & algorithms to transform 2D crease patterns to 3D states and vice-versa based on *linear algebra*, *Painter's*, and *Sweep line* algorithms using Civet lang under *Prof. Erik Demaine*. Created the initial version of a universal build toolchain for Civet.

EDUCATION

Montfort School, Delhi — CBSE Xth & XIIth

April 2010 - May 2024

Head Boy, Student Council; President of CS Club; Swim Team Captain

Subjects: Physics, Chemistry, Mathematics, Computer Science, English

SKILLS

Languages – Javascript, Typescript, Python, Rust, SQL
Frameworks – React, Solid.js, Svelte, Next.js
Tools – Plugin systems for Babel, Vite, Rollup, Figma

AWARDS

Winner, Apple WWDC Swift Student Challenge'23:

Youngest Indian in 2023.

Featured in [The Economic Times](#)

Winner, IIT Delhi

Speedathon'24: Youngest participant among hundreds

Global Finalist Hon. Mention,

NASA SpaceApps'22: Team representing India on Global stage. Top 80/5000

Best Ecosystem Integration, SvelteHack'23

Best Student Project,

SolidHack'22: Won \$2000 prize money

Global Finalist, Google

Code-in'19: Finalist for Drupal. Top 80 globally.