

DIVYANSH SINGH

Senior Frontend Engineer

📞 (+91) 7394926646 ✉ rgndunes@gmail.com 🌐 rgndunes 🔄 RgnDunes 📁 Portfolio

Summary

Senior Frontend Engineer with 3.5+ years of experience building scalable, component-driven systems and internal tools used across engineering teams. Led development of open-source SDKs and LLM-based utilities, optimized application performance, and contributed to platform-level internationalization and developer experience at scale.

Experience

Razorpay

May 2021 – Present

Senior Frontend Engineer

Nov 2024 – Present

- Led the frontend charter for Razorpay's **expansion into Malaysia and Singapore, enabling 530 merchant activations and 80M MYR monthly GMV** by integrating region-specific payment methods.
- Drove Project Atlas to productionize internationalization across products; built and open-sourced @razorpay/i18nify-js SDK (**100K+ weekly downloads**), enabling seamless locale-specific formatting and validation, currently being used by **27+ teams**.
- Designed modular i18n component architecture integrated with Blade UI, supporting RTL, region-aware tokens, and plug-and-play customization **adopted by 19+ product teams**.
- Migrated i18n SDK from Webpack to Rollup, enabling **better tree-shaking and reducing final bundle size by 30%**.
- Acted as frontend lead for SDK roadmap and architecture, aligning across product, QA, and design for scalable adoption.
- **Mentored 5 frontend engineers**, introducing review practices and growing them into feature owners.

Software Development Engineer I

Aug 2022 – Oct 2024

- **Built Industry-first Mastercard Biometric Authentication** from scratch; **demoed at GFF 2024** and improved success rate by **35% over 3DS OTP** and increased the number of card payments by **33%**.
- **Slashed time-to-market for new geography launches from 8–9 months to 1 month** by building reusable internationalization layers.
- Built HawkAI, an **LLM-based static analysis tool** to detect non-localized logic and region-specific hardcoding with **97.3% accuracy**, now used across **7+ frontend teams**.
- Migrated the Merchant Dashboard to micro-frontend architecture, **reducing build time by 67%, unit test runtime by 67%, and E2E test runtime by 70%**.
- Developed **India's first token lifecycle system** for 4 banks, enabling **8L+ tokenizations** and **reducing risk by 40%**.

Frontend Engineer Intern

May 2021 – Jul 2022

- Cut payment dispute resolution time by **50%**, **reducing the average from 20 minutes to 10 minutes**, and improving team efficiency.
- Revamped Shield UI, achieving a **33% surge in user engagement** and reducing load time by **21%**.

Tech Stack: ReactJs, Typescript, Javascript, Redux, Rollup, Sass, Blade UI, MUI, Chakra UI, Svelte, Zustand, Playwright, Jest

Projects

i18nify-js | *Rollup, Javascript, INTL, Typescript* | [github](#) | [npm](#) | [live](#)

- **Open-sourced internationalization SDK** used across Razorpay products; **100K+ weekly downloads** and showcased at **FTX-2023**.
- Structured as a **monorepo** with modular packages for **JavaScript, React, and Go**.
- **Migrated from Webpack to Rollup** for better tree-shaking, **reducing bundle size by 30%**.
- Enabled **partial imports**, cutting **consumer bundle footprint by 1.6 MB**.
- Supports **ESM, CJS, and UMD modules** for **95%+ ecosystem compatibility**.
- Integrated with Blade UI to deliver RTL-ready, region-aware components.
- Achieved **97.57% test coverage** via CI-integrated automated testing workflows.
- Authored modular documentation to reduce onboarding and support time.

Hawk-AI | *TypeScript, LLM, Static Analysis, Custom Linter Framework* | Private Repo

- Built an **LLM-based static analysis tool** to catch hardcoded strings and region-specific logic in frontend codebases.
- Achieved **97.3% accuracy across 1000+ test scenarios**; now **adopted by 7+ teams** for PR-level validation.
- Designed as a plug-and-play CLI that integrates with CI pipelines and supports custom rule sets.
- Enables early detection of non-i18n-compliant code, **reducing post-release bugs by 80%**.

Education

Kalinga Institute of Industrial Technology

Jul 2018 - May 2022

Bachelor of Technology in Computer Science Engineering (CGPA of 9.24/10)

Bhubaneswar, Odisha, India

Technical Skills

Frontend Development: ReactJS, TypeScript, Redux, Zustand, JavaScript, HTML, CSS

Backend Development: Flask

Testing Tools: Jest, React Testing Library, Mock Service Worker (MSW), Playwright

UI Libraries & Frameworks: Chakra UI, Blade UI, Semantic UI, Material UI, Styled Components

Other Tools & Platforms: Firebase, Git

Honors and Rewards

- Secured **10th place among 2,072 teams in the Globalshala 2.0 Hackathon**, earning a **\$1,000 scholarship** from **Northwestern University, Evanston, Illinois**, for innovative problem-solving and technical excellence.
- Recognized with **4 SPOT awards** under the Esprit De Corp category, Autonomy & Ownership at Razorpay.

Achievements

- Authored and sold **200+** copies of the book **Full Spectrum JavaScript** on [Gumroad](#).
- Authored and sold **50+** copies of the book **CSS Unmasked** on [Gumroad](#).