

# Arjun Singh Rawat

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[LinkedIn](#) | [Github](#) | [Portfolio](#)

## EXPERIENCE

### Sr. Front-End Engineer ( September 2024 to Present)

Gedu Services - Noida

- Architected and delivered advanced UI systems using **React.js**, **Next.js**, and **Material-UI**, enhancing usability across complex forms, calendars, and rich text editors.
- Built a fully customizable **rich text editor** with **Slate.js**, supporting image uploads, color pickers, alignment, list formatting, and dynamic component blocks for content creators.
- Developed a multi-range **calendar system** with color-coded intervals and shaded week-offs, improving visual planning for scheduling applications.
- Created a dynamic, reusable **component library** to ensure scalability and consistency across internal products, streamlining development workflows.
- Introduced advanced form-level logic using **Formik** and custom input components, enabling seamless data validation and conditional field rendering.
- Built intuitive data grid configurations with inline validation, visual hints, and guided user interactions, reducing user errors in form-based systems.
- Integrated REST APIs with efficient state handling using **custom hooks** and global state patterns, reducing redundant fetches and enhancing performance.
- Migrated complex legacy UI systems to modern stacks, ensuring zero downtime and preserving user data integrity during transitions.

### Front-End Engineer (January 2022 to September 2024)

Pericius Technology/Tecnotree-Flex - Bangalore (Remote) ,Salmiya Kuwait (On Site)

- Engineered robust platforms using **React.js**, **Redux**, and **REST APIs** while spearheading Webpack-to-Vite migration that significantly enhanced development speed and efficiency.
- Revolutionized large-scale app localization using Vite and **Lingui**, transforming user engagement for non-English speakers and exceeding product requirements through deep user insights.
- Successfully orchestrated production deployments, data migrations with maintained integrity, and developed solutions integrating hardware devices like **barcode scanners** with software systems.

### Senior Associate Technology (April 2021 to January 2022)

Zapbuild - Mohali Chandigarh

- Leveraged **GraphQL** and Redux for optimal data management, notably reducing page load times and amplifying user engagement in a React.js project.
- Elevated data analysis with **D3**, **ReCharts**, and **Leaflet**, creating a captivating user interface and boosting overall engagement.
- Integrated third-party APIs (**Shopify**, social media) seamlessly, enhancing product functionality and enriching the user experience.

### React.js Developer (February 2020 to April 2021)

Tutree Inc. - Noida

- Engineered a high-performance web app prioritizing user experience and scalability, employing **React.js**, **Redux**, and **Material UI**.
- Developed an **AMP** project integrated with GO GIN, boosting mobile traffic significantly.
- Implemented a server-side rendered website using **Node.js**, **Express**, and **Ejs**, enhancing search engine visibility and user engagement.

## INTERNSHIP

### Software Engineer Intern (June 2019 to February 2020)

Acroknacks - Dehradun

- Developed a board-based project using **Electron.js** and **React.js**, focusing on user experience and streamlined communication with **PLC**.
- Implemented robust **communication** enabling parsing, graphing of PLC data, and reliable database storage for precise data analysis.
- Designed a touch keyboard for improved user interaction and accessibility, ensuring a user-friendly interface.
- Integrated bash scripts for seamless data transfer between external devices and the application, facilitating smooth **USB-to-database** data exchange.

## SKILLS

- JavaScript (ES6+)
- React.js
- Next.js
- Nodejs
- Redux
- Electron.js
- Webpack
- Vite
- Remix
- Git
- GraphQL
- Linux
- AI integration
- Monorepo Architecture
- GitHub Actions

## PROJECTS

### Digital Stock Inventory Management

(January 2022-September 2024)

Pioneered a location-based warehouse system, streamlining creation, requisition, and stock transfers; introduced advanced inventory ticketing and barcode-scanned uploads; innovated SIM starter kit workflows; and enabled seamless multi-warehouse sales reporting.

### TT-UIKit (Library Package)

(August 2023-September 2024)

Developed a Vite-powered common library housing intricate, reusable components for universal use across all products, significantly accelerating development speed and fostering a rapid, efficient development environment.

### Digital System Management

(September 2024-Present)

Built a dynamic, no-code platform enabling users to create forms, dashboards, reports, and menus with real-time data views. Included customizable email templates, multi-level permissions, and user management—offering flexibility similar to enterprise tools like Thesis.

## EDUCATION

### Master of Computer Application

Doon University

2018-2020

### Bachelor of Computer Application

Uttarakhand Technical University

2015-2018