

# Swati Singh

## Software Engineer - Frontend

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### SUMMARY

Frontend Software Engineer with 4+ years of experience building high-performance, scalable single-page applications (SPAs) using React.js, Redux, and TypeScript. Skilled in cross-browser compatible UI development, REST API integration, and real-time data handling with WebSockets. Experienced in Agile teams, scalable component architecture (MUI), and performance optimization. Passionate about mentoring, writing clean, testable code, and delivering maintainable, user-centric solutions.

### TECHNICAL SKILLS

- **Programming Technologies:** JavaScript (ES6+), Python, TypeScript, HTML, CSS, SQL
- **Libraries:** React.js, Next.js, Node.js, Express.js, MUI, Redux, Bootstrap
- **Real-Time & Performance:** Data Visualization, Performance Optimization
- **API Handling & Data Fetching:** RESTful APIs, Axios, Fetch API
- **Testing & Debugging:** Writing Testable Code, Maintaining Test Infrastructure, Debugging
- **Version Control & CI/CD:** Git, GitHub
- **Collaboration & Agile Development:** Agile, Code Reviews, Mentorship, High-Growth Startup Experience

### EXPERIENCE

#### Amoga Software Private Limited, Bangalore: Software Engineer - Frontend & Product Engineer Dec 2021 – Present

- Developing features for a Low-Code/No-Code automation platform using React, MUI, Redux, Flowable, and Tooljet. Led end-to-end client implementations (Isaac Wellness, Ace Insurance), from workflow design to go-live. Collaborated with cross-functional teams, integrated third-party tools, and supported process automation.

#### SIMPLIFY WORKFORCE PVT. LTD. Associate Software Engineer Apr 2021 – Nov 2021

- Built responsive web apps with React, Redux, and Bootstrap. Added multi-language support, optimized UI/UX, and ensured seamless data flow and browser compatibility.

#### Appscrip, Intern | Jan 2021 – Apr 2021,

- Gained hands-on experience with HTML, CSS, JavaScript, and WordPress during a structured internship program.

#### Freelancer - Ikigai | 5-month project

- Independently managed and delivered a React.js-based project called **Gift a Deed**, focusing on end-to-end development and feature implementation.

### PROJECTS

#### Team Collaboration Hub

- Built activity feeds, real-time notifications, and engagement features (comments, likes, @mentions) to improve team communication. Utilized Redux middleware for consistent cross-user state sync.

#### Workflow Automation Engine

- Designed a visual, rule-based automation interface that allowed users to configure triggers like CRUD actions, schedules, and webhooks to streamline task execution.

#### App Builder Module

- Built a drag-and-drop interface with React & MUI for no-code internal tool creation. Enabled dynamic form rendering and layout customization to streamline UI development.

#### Third-Party Integrations

- Integrated call tracking systems (Ameyo, MyOperator, Vodafone, Ozonetel, Exotel) to streamline operations and record management. Enabled WhatsApp/SMS automation via WATI & Gupshup, and synced data across platforms like Zenoti & Fytune. Built SMTP-based email integration for inbound/outbound automation and workflow triggers.

#### Role-Based Access Control (RBAC)

- Developed a UI to manage granular permissions (No Access, Read, Write, Full) for modules like Tasks, Cases, and Business Objects. Integrated WebSockets for real-time permission updates across the platform.

#### Data Import/Export Tool

- Built a CSV import tool with validations, progress tracking, error logs, and chunked uploads for handling large files efficiently.

#### OKR UI (Objectives & Key Results)

- Designed and developed a user-friendly interface for setting, tracking, and updating OKRs for individuals and teams.

### CERTIFICATES & EDUCATION

#### Software Engineering - Navgurukul

One-year residential program focused on full-stack development, daily coding, and real-world project collaboration. [Certificate Link](#)

#### Data Science & Machine Learning - Edureka

Covered Python, data handling (Pandas, Numpy), visualization (Matplotlib, Seaborn), and hands-on ML & deep learning. [Certificate Link](#)

#### Master of Computer Application, Manipal University - Jaipur, 2025 - Present

#### Bachelor of Computer Application, Swami Vivekanand Subharti University - Meerut, U.P 2021

Intermediate(12th), Swarachna inter college - Sitapur, U.P 2018

High school(10th), M A N Inter College - Hardoi 2016