

# J A Y E S H   S I N G H

## Software Developer

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[Portfolio](#) | [Linkedin](#) | [GitHub](#)

### SUMMARY

Software Developer with 3.5+ years of experience designing and building scalable, high-performance, enterprise-grade web applications using React (18+), TypeScript, and Next.js. Proven expertise in developing data-driven, user-centric UI solutions for complex business workflows and internal operational platforms. Strong background in state management, API integration, performance optimization, and testing, with hands-on experience collaborating with product managers, business stakeholders, and globally distributed engineering teams. Passionate about clean architecture, resilience, and delivering intuitive solutions for sophisticated data platforms.

### SKILLS

#### Technical Skills

- Frontend :** React 18+, Next.js (App & Pages Router), Angular, TypeScript, JavaScript (ES6+), HTML5, CSS3, SCSS/SASS, Tailwind CSS, Bootstrap, Component-based architecture, Responsive & Accessible UI (a11y), Performance optimization, Redux Toolkit / Zustand
- Backend:** NestJS, Node.js, RESTful API design & integration, Authentication & Authorization (Keycloak), End-to-end request lifecycle handling.
- Databases :** PostgreSQL, MongoDB, Drizzle ORM, Supabase (Auth, Database, Edge Functions).
- DevOps & Engineering Tools :** Git (GitHub, GitLab, Bitbucket), CI/CD (Jenkins), Docker (working knowledge), npm, Yarn, Webpack, Jira.

**Soft Skills :** Leadership, Communication, Problem Solving, Logical Thinking, Self Learning.

### WORK EXPERIENCE

#### Software Developer (Frontend / Backend)

Sumeru Technology Solutions Pvt. Ltd. | May 2023 – Present | Bengaluru

- Designed and implemented reusable, highly efficient components to streamline workflows and reduce development effort across multiple projects.
- Successfully managed and delivered a single module, named 'Segmentation,' requiring recursive modals to dynamically render components based on user inputs, ensuring seamless functionality.
- Designed and developed RESTful APIs using NestJS, implementing controllers, services, DTOs, and modules following clean architecture principles.
- Strong understanding of core Data Structures (Arrays, Strings, Linked Lists, Stacks, Queues, Trees, HashMaps) and algorithms including sorting, searching, recursion, and problem-solving techniques.
- Implemented authentication and authorization workflows using Keycloak, understanding token-based access (JWT) across frontend and backend layers.
- Proactively designed and built a library of common components from scratch, accelerating product development and maintaining consistency across projects.

- Worked on end-to-end API flow including request validation, business logic, database interaction, and response handling.
- Led the implementation of Keycloak for authentication and authorization, creating a custom theme using keycloakify tailored to React as the primary framework across the project.
- Contributed to two highly complex administrative projects, effectively managing workflows and UI designs derived from 600-700 Figma screens.
- Contributed to the Payment Gateways team by integrating Caps-UI and enhancing the associated npm package, ensuring robust and scalable solutions for global payment preferences.
- Worked closely with Business Analysts to identify edge cases, optimize user flows, and ensure the delivery of high-quality, user-friendly products.

## Frontend Engineer

Alore Growth OS | NOV 2021 - May 2023 | Bengaluru

- Designed and developed Angular components for integration across multiple products.
- Created comprehensive CSS library from ground up to standardize styling.
- Engineered complete Gmail structure with API integration for ongoing product development.
- Facilitated regular discussions with backend team to optimize API deployment.
- Developed website features to enhance user experience.
- Executed coding and debugging tasks to support various projects.
- Constructed flowcharts to illustrate different workflows.
- Mentored junior developers, addressing queries and promoting skill development.

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## KEY PROJECT HIGHLIGHTS

- **Complex Admin & Operational Dashboards**

Built internal platforms handling multi-step workflows, dynamic forms, validations, and real-time data updates.

- **Authentication Platform (Keycloak)**

Led frontend integration of Keycloak with React, including a custom theme built using keycloakify, enabling secure, centralized identity management.

- **Reusable UI Component Library**

Designed and maintained a modular UI system (ShadCN, Material UI concepts) to accelerate development and ensure consistency across applications.

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## EDUCATION

22nd NOV 2021 - 1st MAY 2023

### B.TECH, COMPUTER SCIENCE (CSE)

2016 - 2020

Rungta College of Engineering & Technology, Bhilai

### XII EDUCATION WITH AISSCE

MGM Senior Secondary School, Bhilai

2015

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## LANGUAGE

- English
- Hindi