J A Y E S H   S I N G H
Software Engineer (Frontend / Full-Stack)

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Portfolio | Linkedin | GitHub

SUMMARY

Software Engineer with 3.5+ years of experience building scalable, high-performance web applications. Strong expertise in React, Next.js, and Angular for frontend development, along with hands-on experience in backend API development using NestJS. Proficient in designing reusable UI components, integrating RESTful APIs, and implementing secure authentication systems using Keycloak. Experienced in collaborating across cross-functional teams to deliver end-to-end solutions with a focus on performance, maintainability, and user experience.

SKILLS

Technical Skills

- **Frontend** : React.js, 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
- **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

Junior Developer
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.
- Integrated frontend applications with NestJS APIs, ensuring secure and efficient data exchange.
- Implemented authentication and authorization workflows using Keycloak, understanding token-based access (JWT) across frontend and backend layers.
- Worked closely with Business Analysts to identify edge cases, optimize user flows, and ensure the delivery of high-quality, user-friendly products.

- 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.
- Guided some of interns on various modules, ensuring timely delivery while maintaining code quality and best practices.
- Contributed to two highly complex administrative projects, effectively managing workflows and UI designs derived from 600-700 Figma screens.
- Proactively designed and built a library of common components from scratch, accelerating product development and maintaining consistency across projects.
- 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.

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.

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

LANGUAGE

- English
- Hindi