

YASOWANT NAYAK

Full Stack Software Engineer

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PROFESSIONAL SUMMARY

Full Stack Engineer with 3+ years building production SaaS on React.js and Node.js. Cut feature development time 35%, release time 50%, and page loads 40% on a multi-tenant platform serving 8+ enterprise organizations. Apply system design fundamentals — caching, scalability, high availability, and microservices — to ship reliable, performant services. Mentor junior developers, run code reviews, and own delivery end-to-end in an Agile/Scrum team. Strong in REST/SOAP APIs, AWS, and CI/CD.

TECHNICAL SKILLS

Frontend: React.js, Next.js, TypeScript, JavaScript (ES6+), Redux, Tailwind CSS, HTML5, CSS3

Backend: Node.js, Express.js, REST, SOAP, GraphQL, WebSockets, Socket.IO, JWT, RBAC

Databases: PostgreSQL, MySQL, MongoDB, Redis

DevOps & Cloud: AWS, Docker, GitHub Actions, CI/CD, Vercel, Linux/Unix

System Design: Scalability, High Availability, Caching, Load Balancing, Horizontal Scaling, Fault Tolerance, Database Indexing & Sharding, Rate Limiting, Event-Driven Architecture, Multi-Tenant Architecture

Practices: Agile/Scrum, Code Review, Microservices, OOP, SOLID, Design Patterns (MVC, Modular)

Tools: Git, JIRA, Confluence, VS Code

WORK EXPERIENCE

Software Developer

Aug 2023 – Present

DealDox Software Pvt Ltd — Bangalore, India

- Cut feature development time by 35% by building a reusable React.js component library and shared design system adopted across multiple product teams.
- Improved code quality and reduced post-release defects by mentoring two junior developers and running regular peer code reviews to enforce OOP design principles and best practices.
- Reduced page load times by 40% by implementing code splitting, lazy loading, and memoization across high-traffic modules.
- Enabled reliable communication across internal and third-party systems by designing 15+ web service endpoints spanning REST, SOAP, and GraphQL.
- Eliminated unauthorized access to protected modules for 5+ user roles by implementing JWT authentication and role-based access control (RBAC).
- Accelerated releases by 50% by automating CI/CD pipelines with GitHub Actions and Docker on Linux-based AWS environments, removing manual deployment steps.
- Lowered average query response time by 30% by tuning MongoDB and MySQL schemas, database indexing, and Redis caching to reduce load on primary data stores.
- Delivered 10+ features on schedule by driving a two-week Agile/Scrum cadence — leading sprint planning, system design reviews, and retrospectives in JIRA and documenting architecture in Confluence.
- Scaled a multi-tenant platform to 8+ enterprise organizations by designing for high availability, fault tolerance, and secure data isolation, sustaining smooth production operation.

Full Stack Developer

Sep 2022 – Jul 2023

JSpiders – Training & Development Institute — Bangalore, India

- Raised user engagement by 20% by building mobile-first, cross-browser React.js interfaces with consistent behavior across desktop, tablet, and mobile.
- Streamlined core workflows by implementing scalable backend logic in Java, applying object-oriented design to keep modules maintainable.
- Strengthened data consistency by designing RESTful APIs and CRUD operations with authentication and database integration.
- Increased online sales by 30% within six months by delivering a full-stack e-commerce application built with Java, React, and MongoDB.

PROJECTS

Esscentra Prep — AI Interview & Exam Prep Planner

Jul 2026 – Present

React, Vite, Node.js, Express.js, MongoDB, JWT, OpenAI, node-cron — live at prep.esscentra.in

- Built a full-stack, AI-powered prep planner end-to-end that turns a resume or exam goal into a personalized, day-by-day study plan scheduled into each user's real time slots (office hours, routine, bedtime).
- Engineered the plan engine on the OpenAI API (resume/PDF vision + JSON mode) with template and curated fallbacks so generation never fails, plus multi-roadmap support and automatic catch-up for overdue tasks.
- Secured with JWT + rotating refresh tokens and plan-based access gating; shipped streak analytics, in-app/desktop/email reminders via node-cron, and a 7-day trial with tiered subscriptions. [Live demo](#)

Survey SaaS Platform — Production multi-tenant survey builder

Apr 2026 – Jun 2026

React, TypeScript, TanStack Router, React Query, Node.js, Express.js, MongoDB, JWT, Recharts, Vercel

- Shipped a production-ready SaaS platform end-to-end, from a dynamic drag-and-drop form builder with conditional logic to an analytics dashboard, deployed on Vercel.
- Built an analytics dashboard with response trends and completion metrics, powered by MongoDB aggregation pipelines and Recharts.
- Secured the platform with JWT + RBAC, protected routes, and encrypted API communication. [Live demo](#)

SmaartQR — Live Emergency Response Platform

Jan 2026 – Apr 2026

React.js, TypeScript, JavaScript, Tailwind CSS, REST APIs — live at smaartqr.com

- Built the React.js UI for a QR-based platform that routes people to verified Police, Ambulance, Fire, and Civic services in seconds.
- Streamlined scan-to-service workflows to minimize user effort in critical, time-sensitive situations.
- Collaborated cross-functionally to deliver a scalable, user-focused product now live in production.

EDUCATION

B.Tech, Electrical Engineering

2016 – 2019

Galgotias College of Engineering and Technology

Diploma, Electrical Engineering

2013 – 2016

Utkalmani Gopabandhu Institute of Engineering

CERTIFICATIONS

- Full Stack Generative and Agentic AI with Python — Udemy (2026)
- TypeScript: The Complete Developer's Guide — Udemy (2024)
- React JS Masterclass: Zero to Job Ready — Udemy (2023)