

Yaswanth Narisetty

Full-Stack Engineer | MERN | Scalable Systems | AWS | Hyderabad, India

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Technical Skills

Core Stack: TypeScript, JavaScript, React.js, Next.js, Node.js, Express.js, GraphQL

Backend & Infra: REST APIs, Microservices, AuthN/AuthZ, Distributed Systems, AWS (EC2, S3), CI/CD, Caching

Frontend & UI: Tailwind CSS, Storybook, Component Architecture, Responsive UI

Databases: MongoDB, MySQL, Redis

Performance: Redis caching, async queues (Bull/BullMQ), indexing, rate limiting, pagination, profiling

Testing & Tools: Jest, Playwright, Serenity BDD, GitHub Actions, Docker, Jira, Postman

Strengths: System design, modular architecture, horizontal scaling, design patterns, clean code

Collaboration: Requirement analysis, cross-team coordination, stakeholder communication

Professional Summary

Full-Stack Engineer with 3+ years of experience building secure, scalable web systems for **130K+ users** across **8+ enterprise applications**. Specializes in MERN, distributed authentication, and high-performance Node.js/SaaS platforms using AWS. Delivered **40% latency reduction**, **99.9% uptime**, and scalable APIs through Redis caching, async pipelines, and refined data models.

Experience

Full-Stack Developer, VITHI IT (Client: ResMed) — Hyderabad, India

Jun 2022–Present

- Built and scaled multi-tenant authentication for **8+ enterprise apps**, securing **130K+ users** with SSO, MFA, RBAC, token rotation, and session federation.
- Achieved **99.9% uptime** across critical systems with structured logging, tracing, health checks, and orchestrated CI/CD pipelines.
- Boosted backend performance by **40%** using Redis caching, async execution flows, tuned MongoDB indexes, and profiling.
- Accelerated UI delivery by **30%** through modular React/Next.js components and Tailwind-based design patterns.
- Built APIs handling **5K+ req/min** with batching, pagination, validation pipelines, and rate-limiting mechanisms.
- Enabled seamless deployments on AWS EC2 through zero-downtime rollouts and auto-promotion pipelines.

Full-Stack Developer, Zemoso Technologies — Hyderabad, India

Feb 2022–Jun 2022

- Delivered reusable React components integrated with Node.js services, increasing user engagement by **20%**.
- Migrated core modules to TypeScript, lowering defect density by **30%**.
- Strengthened release cycles using CI enhancements, Git workflows, and quality-driven peer reviews.
- Contributed to API versioning, refined data models, and performance-focused backend patterns.

Key Projects

ROC Platform — Unified Authentication System

2023–Present

Next.js, TypeScript, Node.js, GraphQL, Redis, AWS, Okta

- Engineered centralized authentication across **8+ enterprise applications** via multi-tenant Okta integrations.
- Delivered SSO, MFA, RBAC, provisioning flows, and i18n (**14 languages / 22 locales**).
- Accelerated authentication performance by **40%** using Redis caching, async queues, and refined controller logic.
- Built real-time dashboards for adoption, activity, and system-health analytics.
- Shortened onboarding from days to **under 30 minutes**.

Vithi Careers — Internal HRMS Platform

Jul 2022–Dec 2022

React.js, Node.js, Express.js, MongoDB

- Systematized recruiter workflows, lowering manual effort by **40%**.
- Enhanced hiring turnaround by **25%** through refined API flows and interactive UI patterns.
- Built scalable backend modules using aggregation pipelines, clean routing, and bulk-operation logic.

Education

B.Tech, Computer Science Engineering

Pace Institute of Technology & Sciences, Ongole

Jun 2022