

Nikhil Sai Ankill

Full Stack Developer

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Work Experience

Freelance Software Development Engineer

Jan 2025 – Jun 2025

Stack: Node.js, Express.js, Java, React.js, Next.js, Firebase, MySQL, AWS, Razorpay

- Supported 500+ users by designing scalable architectures with JWT and automated Razorpay integration.reliability and eliminate manual reconciliation.
- Reduced deployment time by 40% by establishing CI/CD pipelines using GitHub Actions and AWS.
- Improved API speeds by 35% by implementing caching strategies and automating payment workflows.

Projects

TealSub - Newsletter & Email Collection Tool

[GitHub]

Stack: Next.js, TypeScript, PostgreSQL, Tailwind CSS

- Built a newsletter platform to collect email subscribers and send campaigns from a single dashboard.
- Implemented subscriber list management with unsubscribe handling and basic segmentation.
- Designed a minimal writing-focused interface for composing and scheduling newsletter emails.

Visly - Web Analytics Platform & NPM SDK

[GitHub]

Stack: Next.js, PostgreSQL, Supabase, Redis, Docker, TypeScript

- Developed a zero-config JS script for universal frontend tracking, enabling plug and play pageview and event capture.
- Architected a low latency pipeline using Kafka, Redis, and ClickHouse to process distributed event data at scale.
- Engineered a high volume analytics suite with optimized queries for retention curves and funnel drop off analysis.

Dumcel - React Cloud Deployment Platform

[GitHub]

Stack: Node.js, Redis, MongoDB, Nextjs, TypeScript

- Engineered a cloud deployment platform that builds and deploys React apps in isolated Docker containers with custom subdomains.
- Developed orchestration microservices to manage automated build processes and surface real time deployment logs.
- Built a Kafka to ClickHouse pipeline for scalable container analytics and granular project level access control.

Technical Skills

Languages: JavaScript, TypeScript, Java

Backend: Node.js, Express.js, REST APIs, JWT, NextAuth.js

Databases: MySQL, MongoDB, Firestore, Redis, PostgreSQL

Frontend: React.js, Next.js, Tailwind CSS

DevOps / Cloud: Docker, CI/CD, Git, Vercel

Education

Sri Indu College of Engineering and Technology

Nov 2021 – July 2025

B.Tech in Data Science

Achievements

- Led and organized a coding event with 60+ participants, designing real world problem statements and evaluation criteria.
- Delivered multiple production-grade freelance systems involving payments, dashboards, and scalable backend deployments.
- Designed, deployed, and cost-optimized cloud infrastructure across projects, balancing scalability with minimal operational cost.