

ANKIT SHARMA

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Experience

Primecodez

Dec 2025 – Present

Software Developer (Freelance/Contract)

Remote

- Launched **Gyani Labs** – EdTech platform with interactive 3D/2D virtual science lab simulations for Science and Computer Students.
- Built **Gyaani Sathi** – entrance prep platform with adaptive mock tests, subject-wise practice, and real-time progress tracking; full-stack architecture on Next.js and PostgreSQL.
- Delivered a **map-based cemetery MVP** for a Portuguese client – geolocation search over relational records, REST API with FastAPI + PostgreSQL + Supabase; shipped as sole developer ahead of deadline.
- Shipped a **cross-platform lab management app** (React Native) – dual-interface for patients booking tests and lab staff managing results, records, and appointments.

Kubesense AI

Jun 2025 – Nov 2025

Software Development Engineer I

Chennai, India (Remote)

- Built **Explorer and Saved Dashboard** features for a cloud observability SaaS – multi-widget layouts with dynamic variable filters for logs, metrics, and distributed traces across VictoriaMetrics and ClickHouse.
- Built high-performance data visualization components using ECharts for logs, metrics, and traces, handling millions of records efficiently across backend APIs and frontend dashboards; also developed custom chart modules for observability use cases.
- Integrated **Monaco Editor** with full PromQL support; optimized React rendering pipeline achieving **20% faster load times**, shipping core features **50% ahead of schedule**.

Qontentt AI

Apr 2024 – May 2025

Software Development Engineer (Remote)

USA

- Built an **AI content assistant** with OpenAI API, async response handling, and Redis caching layer – reduced end-to-end API latency by **80%** in a production React Native app. [▶ Play Store]
- Integrated Instagram Meta APIs, OTP auth, RevenueCat subscriptions, and managed Play Store releases independently across a distributed team.

Projects

Gyani Labs | Next.js, React, 3D/2D Simulation, Node.js, PostgreSQL | 🌐 gyanilabs.com

Live

- Virtual science lab platform for physics, chemistry, biology, mathematics and computer science concepts simulations for the students and learners.

Gyaani Sathi | Next.js, React, Node.js, PostgreSQL | 🌐 gyaanisathi.com

Live

- Adaptive entrance prep platform – real-time mock tests, progress analytics, and personalized study paths. Handles concurrent test sessions with optimized query performance.

promql-validator | TypeScript, Node.js, Prometheus, PromQL | 📦 npm (in development)

2025 – Present

- Open-source npm library for syntax and semantic validation of Prometheus PromQL queries – developer-friendly error messages and linting for observability monitoring pipelines.

Technical Skills

Frontend / Mobile: React.js, Next.js, React Native, Redux, Tailwind CSS, ShadCN UI, GraphQL

Backend: Node.js, Express.js, FastAPI (Python), REST APIs, Prisma ORM, Redis (caching + async)

AI / GenAI: OpenAI API (GPT-4), async AI pipelines, prompt engineering, AI-powered feature development

Observability: PromQL, VictoriaMetrics, ClickHouse, Monaco Editor integration, dashboard rendering

Databases & Cloud: PostgreSQL, MongoDB, Firebase, Supabase, AWS, Docker, Git, GitHub

Languages: JavaScript (ES6+), TypeScript, Python, SQL, C++

Education

Amrita Vishwa Vidyapeetham

Kollam, Kerala, India

B.Tech – Computer Science and Engineering

2021 – 2025

- Chancellor Scholarship** – Full tuition fee waiver, competitive university-wide merit award

Certifications & Achievements

Google Project Management Certificate – Coursera **React Native: The Practical Guide [2024]** – Udemy

LeetCode: 350+ problems solved – leetcode.com/ankitsharma991