

Rahul Sahani

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Summary

Full-stack developer with a year of experience shipping production web applications in React, Next.js, Node.js, and TypeScript. Core strengths span REST API design, database optimization, and system architecture, with hands-on frontend experience down to canvas-level rendering. Comfortable working across the stack, from server-side design to pixel-level UI.

Technical Skills

Languages	HTML5, CSS3, JavaScript, TypeScript, Java, Python
Backend	Node.js, Express.js, Spring Boot, REST API Design, Microservices, WebSockets, Authentication
Frontend	React.js, Next.js, Tailwind CSS, Three.js, Fabric.js, Framer Motion, SPA Architecture
Databases	PostgreSQL, MongoDB, MySQL, Redis, Supabase, pgvector, SQL Optimization
DevOps	Docker, CI/CD, GitHub Actions, Vercel
Tools	Git, Agile, Unit & Integration Testing, Code Review, Debugging

Professional Experience

Tynari (formerly Printeast)

Apr 2026 – Jun 2026

Full Stack Developer

- Built a browser-based SVG design studio leveraging custom algorithm design for a Bezier node editor and a 7-mode text warp pipeline, cutting render time by roughly 40%.
- Built a real-time image filter and pattern designer with non-destructive, layer-based editing that works across browsers, integrated directly into the canvas editor.
- Led the system design and architecture of a Shopify-style theme store on a microservices backend, covering theme editing, product management, and one-click publishing (Next.js, Node.js).

Triveni Industries – Triveni Pumps Division

Dec 2024 – Jan 2025

Full Stack Developer (Freelance)

- Built a scalable e-commerce platform (React, TypeScript, Node.js, MongoDB) on a REST API and microservices backend, cutting API latency by 35–40% through Redis caching and SQL optimization.
- Integrated the Cashfree payment gateway with JWT-based session management and role-based access control, alongside an admin dashboard for real-time analytics and inventory tracking.

Projects

RSAHANI – Full Stack Developer Portfolio

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Next.js, Node.js, MongoDB, Redis, Three.js, Vercel

- Cut API latency by 40% with Redis caching and reached a 90+ Lighthouse score after a full performance and accessibility audit.
- Built a custom 3D UI with React Three Fiber and GLSL shaders on a component-based SPA architecture.

Beacon – Self-Hosted Web Analytics

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Convex, Next.js, Tailwind CSS, Recharts, Python

- Demonstrated strong problem solving by building a privacy-first, cookie-free analytics platform on Convex with a real-time multi-site dashboard, replacing a third-party tool ahead of its shutdown, and migrated 4,186+ historical events with a custom Python ETL pipeline.
- Designed a daily-rotating, server-computed visitor hash (no cookies, GDPR/CCPA-friendly) and a nightly cron rollup that pre-aggregates events into daily stats for fast dashboard reads.

Stellar Conflict – Browser-Based Space Shooter

GitHub

JavaScript (ES6+), HTML5 Canvas, Vite, Tailwind CSS

- Applied object-oriented programming principles to build a modular game engine from scratch, with object pooling, spatial partitioning for collision detection, and a state-machine architecture for menu, play, pause, and game-over states.
- Added a combo/XP/leveling system with power-ups, asset preloading and caching, and error recovery to keep long sessions stable.

Education

GGSIU – Institute of IT & Management, Janakpuri

MCA, Information Technology

2024 – 2026 (coursework complete)

BCA, Information Technology

2021 – 2024

Certifications & Achievements

- Wipro Java J2EE Certification – Enterprise Application Development (2023)
- 1st Place among 50+ teams – ODE TO CODE, Techno Sapiens AIEC (Mar 2024)
- 1st Place – CSS Battle, MATRIX Internware IITM (Oct 2023)