

SHIVARAJ BALKRISHNA KOLEKAR

Pune, Maharashtra, India

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Education

PVG College of Engineering and Technology

Bachelor of Technology in Artificial Intelligence and Data Science – CGPA: 8.69/10.00

Nov 2022 – Present

Pune, Maharashtra

Relevant Coursework

- Data Structures
- Operating Systems
- Computer Networks
- Database Management
- Artificial Intelligence
- Machine Learning
- UI/UX Design
- Data Science

Technical Skills

Programming Languages: JavaScript, TypeScript, Python, C++

Frontend Technologies: React, Next.js, TailwindCSS, Shadcn UI, Zustand, HTML, CSS

Backend Technologies: Node.js, Express.js, FastAPI, JSON Web Token, Drizzle ORM, Better-auth

Databases: PostgreSQL, MongoDB, MySQL, Redis, SQLite

Tools and Platforms: Docker, Amazon Web Services, Grafana, Prometheus, Loki, Supabase, Appwrite, Nginx, Vercel, Netlify, Git, GitHub, Figma, Postman, VS Code, Neovim

Experience

Sportality Pvt Ltd

Feb 2025 – Present

Product Developer Intern

Mumbai, India

- Built a athlete management platform with role-based access for admins, coaches, and athletes serving over 200 active users.
- Created dashboards showing athlete performance metrics and training progress to help coaches track team development.
- Added server-side pagination and API caching which cut response times by 40 percent during peak usage hours.
- Worked on modular architecture separating business logic from UI components for easier maintenance and testing.

Vulnuris

Sep 2024 – May 2025

Junior Product Developer Intern

Pune, India

- Built ITSM platform adopted by 3 organizations with asset tracking, SBOM management, SLA monitoring, and ticketing system.
- Created dashboards using Chart.js and Recharts to help IT teams visualize infrastructure health and resource usage.
- Added role-based access control and two-factor authentication using JWT to secure sensitive operations.
- Built automated workflows for license renewals and SBOM updates that reduced manual tracking effort by 50 percent.
- Optimized PostgreSQL queries with proper indexing and used React context for state management, making the UI 30 percent faster.

Projects

SparkChat | Next.js, TypeScript, Neon PostgreSQL, Drizzle ORM, Vercel AI SDK, Clerk

[Live Demo] [GitHub] 2025

- Built AI chat application supporting multiple models including Google Gemini and Meta Llama with streaming responses.
- Added user authentication via Clerk, stored chat history in PostgreSQL, and set up rate limiting to prevent API abuse.
- Created ChatGPT-like interface with suggested prompts and organized conversation threads for better user experience.
- Wrote REST APIs with indexed database queries to handle 100+ concurrent users with response times under one second.

Burner Rooms | Next.js, Elysia.js, TypeScript, Upstash Redis, Upstash Realtime, TailwindCSS

[Live Demo] [GitHub] 2026

- Built privacy-first real-time chat application enabling users to create ephemeral chat rooms with custom TTL and participant limits.
- Added client-side anonymous identity generation and Upstash Realtime for instant messaging with emoji and thread support.
- Set up automatic room expiration using Redis TTL ensuring zero data retention after room destruction for enhanced privacy.
- Created serverless API using Elysia.js and deployed on Vercel with optimized performance for low-latency messaging.