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EDUCATION

PVG College of Engineering and Technology Nov 2022 – June 2026
Bachelor of Technology in Artificial Intelligence and Data Science – CGPA: 8.97/10.00 Pune, Maharashtra

RELEVANT COURSEWORK

- Data Structures
- Computer Networks
- Artificial Intelligence
- UI/UX Design
- Operating Systems
- Database Management
- Machine Learning
- 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, Antigravity, Cursor, GitHub Copilot

EXPERIENCE

Sportality Pvt Ltd May 2025 – February 2026
Product Developer Intern Mumbai, India

- Built an 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.
- Collaborated with coaches to understand tracking pain points and translated their feedback into dashboard features that made daily team monitoring more intuitive.
- Added server-side pagination and API caching which cut response times by 40% during peak usage hours.
- Worked on modular architecture separating business logic from UI components for easier maintenance and testing.

Vulnuris September 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.
- Worked closely with IT teams to understand their asset management workflows and designed the ticketing and SLA features around reducing their day-to-day manual overhead.
- Built automated workflows for license renewals and SBOM updates that reduced manual tracking effort by 50%.
- Optimized PostgreSQL queries with proper indexing and used React context for state management, making the UI 30% 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, Shadcn* | [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.