

Ankit Kumar Sahu

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PROJECTS

Szare: Local File Sharing App (*go-gin, next.js*)

github

- Offline file sharing application with high-speed local network transfers (**100+ MB/s**)
- Built with Go for **concurrency** and performance (handles **50+** simultaneous transfers)
- **Self-hosted** for privacy and control (no third-party servers)
- Modern web interface supporting **large files** (>1GB per transfer)

Titly: URL Shortener (*go-gin, sveltekit, redis, docker*)

github

- Lightning-fast URL shortening service
- Handles **10,000+** requests per second with high concurrency via goroutines
- Redis **caching** for persistent and fast short code lookups
- **Dockerized** for easy deployment and scalability

DevIDE: Online Code Editor (*next.js*)

github

- Online IDE supporting 10+ programming languages
- Customizable interface with multiple themes and integrated **payment** system
- Advanced filtering, search, and **caching** for robust performance
- Personal profiles with execution history tracking

Kenv: Secure Env Manager (*fastapi, nextjs, docker, sqlite3*)

github

- Securely sync environment variables across devices
- Built with **FastAPI** for performance and easy API development
- **Dockerized** for consistent deployment and simplified setup

OPEN SOURCE CONTRIBUTIONS

Chromium (*C++, TypeScript, CSS*)

- Replaced deprecated `base::Time()` sentinel with `base::Time::Max()` for clearer and safer time-range handling. CL #7206813
- Corrected unreadable console output selection text color in DevTools by improving selection contrast for dark backgrounds. CL #7109459

Turso Database (*Rust*)

- Replaced unsafe `str::from_utf8_unchecked` with safe UTF-8 conversion to eliminate potential undefined behavior. PR #1677

ACHIEVEMENTS

- Solved **300+** problems on LeetCode across various topics.
- Reached a highest contest rating of **1793** on LeetCode.

TECHNICAL SKILLS

- **Languages:** TypeScript, C++, GoLang, Rust, Python, C, Java, Bash
- **Frameworks & Libraries:** React.js, Next.js, Sveltekit, Express.js, Gin, FastAPI
- **Databases & ORMs:** PostgreSQL, MongoDB, Redis, SQLite, Prisma, Drizzle
- **Tools & Technologies:** Linux, Docker, Kubernetes, GraphQL, REST, Git, AWS(EC2, Lambda, S3), CI/CD, CMake

EDUCATION

CV Raman Global University, Bhubaneswar

Bhubaneswar, India

Bachelor of Technology in Computer Science and Engineering

(2023 – 2027) — CGPA: 8.26

Delhi Public School, Ranchi

Ranchi, India

Class 12th, CBSE

2023 — Percentage: 85%

SS DAV Centenary Public School, Khunti

Khunti, India

Class 10th, CBSE

2021 — Percentage: 93%