

# Ankit Kumar Sahu

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[kmrankit.in/](http://kmrankit.in/) | [github.com/kmr-ankitt](https://github.com/kmr-ankitt) | [linkedin.com/kmrankitt](https://linkedin.com/kmrankitt) | [leetcode.com/kmrankit](https://leetcode.com/kmrankit)

## SUMMARY

CSE student with a problem-solving mindset and hands-on experience in building web platforms and system utilities, seeking software engineering internship opportunities. Adept at learning new technologies quickly and applying them to real-world challenges.

## 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, convex*)

[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

## 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

## TECHNICAL SKILLS

- **Languages:** TypeScript, C++, Go, Rust, Python, C, Java, Bash
- **Frameworks and Libraries:** React.js, React Native, Next.js, SvelteKit, Express.js, Gin, FastAPI
- **Databases and ORMs:** PostgreSQL, MongoDB, Redis, SQLite, Prisma, Drizzle
- **Tools and Technologies:** Linux, Docker, Kubernetes, REST APIs, GraphQL, Git, AWS EC2, AWS Lambda, AWS 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%