# Chirag Arora

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#### **EDUCATION**

## Guru Tegh Bahadur Institute of Technology, GGSIPU

Bachelor of Technology in Artificial Intelligence and Machine Learning, 7.812 CGPA

Delhi, India Oct 2022 – Present

## Darbari Lal D.A.V Model School, Pitampura

High School Diploma, 76.8%

Delhi, India Apr 2009 – Aug 2022

#### EXPERIENCE

#### Syntelli Solutions Inc.

Mar 2023 – Aug 2024

Content Developer Intern

Remote

- Designed and published 100+ social media creatives, driving a 30% increase in engagement across LinkedIn.
- Created targeted campaigns and visuals that contributed to acquiring 15+ new enterprise clients during the internship period.
- Collaborated with the marketing team to establish a consistent design language, improving brand visibility and recognition.

**Nexathon** Feb 2025 - Mar 2025

Frontend Engineer

Delhi, India

- Solo Developer of a high-performance landing page with Vite, React, and Tailwind CSS, achieving sub-second HMR and serving 770+ participants nationwide.
- Implemented Vercel Analytics and Google Search indexing, improving SEO visibility and traffic insights.
- Built and integrated a certificate generation system, delivering personalized certificates to all participants upon completion.

## Projects

dsa\_srs | Creator & Maintainer | Github

Jul 2025

- Built a terminal-based spaced repetition system in Go to master 200+ DSA concepts and LeetCode problems.
- Implemented the SM-2 algorithm with persistent JSON-based storage, enabling review of **500+ flashcards** across sessions via an interactive TUI using Bubble Tea.
- Enhanced learning efficiency by adding support for **2 card types**, **10+ tagging categories**, and automated ease factor tracking for intelligent review scheduling.

RSS Aggregator | Creator & Maintainer | Github

Aug 2025

- Developed a high-performance RSS feed aggregator in Go, capable of fetching and parsing 1000+ articles daily from multiple sources.
- Designed RESTful APIs to manage feeds, user subscriptions, and article retrieval, ensuring a scalable and extensible architecture.
- Integrated background workers for scheduled feed updates, reducing fetch latency by 40%.
- Containerized application with Docker for easy deployment and portability across environments.

Chai Say | Creator & Maintainer | Github

Jul 2025

- Developed a cross-platform command-line utility in Go that outputs ASCII art of chai (or other beverages) with customizable messages, inspired by cowsay.
- Published as both a standalone CLI and Go library, enabling developers to integrate fun ASCII messages into scripts and applications.
- Added support for **multiple beverage templates**, colored output, and message wrapping for better terminal readability.
- Packaged binaries with GoReleaser and Docker for easy installation across Linux, macOS, and Windows.

## TECHNICAL SKILLS

**Languages:** TypeScript/JavaScript, Rust, C++, C, Python, SQL (PostgreSQL, SQLite), Go, Odin, MongoDB

Frameworks/Technologies: React.js, Next.js, Zustand, Node.js, Express.js, PostgreSQL, MongoDB, Supabase, Tauri, egui, Iced

Tools: Git, Bash Scripting, GSAP, Motion, Vite, REST APIs, Docker, Supabase, Node.js, Github

#### EXTRACURRICULARS

- Organized multiple large-scale intercollege hackathons with Rs 30 lakh+ prize pools, leading Management & Graphic Design teams.
- Conceptualized and delivered 10+ tech-focused events and workshops as CyberSecurity Lead at Google Developer Groups, GTBIT, with 500+ attendees. Actively participated in international CTF competitions, developing skills in reverse engineering, cryptography, and web exploitation.

### Interests

Web Development, Hackathons, Cybersecurity, Open Source, Blockchain