

# Parag Sharma

sharmaparag2004@gmail.com | [GitHub](#) | [LinkedIn](#) | [Portfolio](#) | +91-9350208607

## Professional Summary

Entry-level Software Engineer with experience in backend systems, secure APIs, and accessibility-first products. **Co-author of a published patent** in offline accessibility technology; recognized by the **Ministry of Digital Affairs, Taiwan** and **Google**. Open-source contributor to **Zomato** and **TheAlgorithms**, with a strong foundation in data structures, backend engineering, and real-world product development.

## Honors & Awards

- **Good Idea Award Winner (Taiwan):** Won \$40,000 NT prize in an international hackathon by the Ministry of Digital Affairs (Nov 2024).
- **Top 5 National Finalist:** Ranked Top 5 out of 3000+ teams in **Hack4Change** organized by Google and Charcha (Aug 2024).
- **2nd Runner-Up (Ideathon 2025):** Awarded 3rd prize for innovation at Ambala College of Engineering (Feb 2025).
- **National Innovation Award Runner-Up:** Secured 2nd position in NIA'24 organized by P.I.E.T (Nov 2024).

## Experience

### Software Engineer Intern (Salesforce Platform)

May 2024 – Jun 2024

TriColor Initiatives Pvt. Ltd. | Panchkula, Haryana

- Built secure LWC-based frontend interfaces and backend automation used by 500+ users, improving data reliability and operational efficiency.
- Developed encrypted **REST APIs** that reduced third-party integration time by **20%**.
- Implemented **RBAC** and user validation to enforce role-based access and strengthen platform security.
- Optimized database queries by **25%** through redesigned reporting workflows and implemented Connected App security for controlled integrations.

### Community Lead & Organizer

Dec 2023 – Present

Google Developer Groups (GDG) on Campus | Mullana, Haryana

- **Hackathon Lead:** Organized national-level events (GDG Hackureka, GDG Hacks), coordinating 400+ participants and 150+ teams across India.
- **Technical Mentor:** Trained 150+ students in GenAI (Google Cloud) and 70+ in Android development through hands-on workshops.
- Led student engineering teams using Agile workflows to deliver large-scale technical events with reliable infrastructure and execution.

## Technical Skills

C++, Python, JavaScript, SQL, Dart | React, Node.js, Express, Flutter, REST | MongoDB, Firestore | Git/GitHub, Agile, Jira

## Projects

### Orbcura | Flutter, USSD, Accessibility

Jul 2024 – Sep 2024

- Identified the lack of accessible digital payments for visually impaired users and built an assistive mobile app enabling environment recognition and transactions.
- Overcame internet and app-permission constraints by engineering a **USSD-based UPI layer**, enabling payments without smartphone permissions.
- Designed the end-to-end accessibility data workflow, resulting in a **Published Patent** for offline data transport.

### LinkFluence | React, Node.js, MongoDB

Jul 2025 – Present

- Addressed the problem of limited brand access for small creators by designing a platform that enables collaboration, monetization, and campaign management.
- Architecting a scalable backend and relational data model to match creator portfolios with brand requirements.
- Implemented **RBAC**, input validation, and secure APIs to ensure data integrity and safe partner interactions.

### Silent Voice | Computer Vision, Python

Oct 2024 – Dec 2024

- **International Winner (Taiwan):** Conceptualized a real-time sign-language interpretation system to enable communication between hearing-impaired users and non-sign speakers.
- Designed an edge-optimized computer vision pipeline that recognizes hand gestures and audibly translates them, reducing communication barriers for the hearing-impaired.

## Open-Source Contributions

- **TheAlgorithms/Python (217k+ stars):** Implemented an  $O(n)$  Sliding Window Maximum using Monotonic Deque; PR approved and merged.
- **Zomato/espresso:** Authored production-grade documentation for ZeroLogger integration and observability best practices.
- **Modelscope/Trinity-RFT:** Improved onboarding by adding a CPU-only quick-start guide and clarifying hardware requirements.
- Solved problems on LeetCode across arrays, hashing, trees, and dynamic programming.

## Education & Certifications

Maharishi Markandeshwar (Deemed To Be University)

B.Tech, CSE | **CGPA: 8.03** | **Certs:** ML Specialization (Stanford), Salesforce AI Assoc.

Mullana, Haryana

May 2026