

Parag Sharma

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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) TriColor Initiatives Pvt. Ltd. Panchkula, Haryana	May 2024 – Jun 2024
<ul style="list-style-type: none">- 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 Google Developer Groups (GDG) on Campus Mullana, Haryana	Dec 2023 – Present

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
<ul style="list-style-type: none">- 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

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