

# Parag Sharma

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## Professional Summary

Framework Software Engineer with experience in building scalable data platforms and secure backend services. Proficient in **C++, Python, and SQL**, with a strong focus on Agile methodologies. Demonstrated ability to collaborate across multi-functional teams to deliver production-grade tools and leverage data for operational efficiency.

## Experience

### Software Engineer Intern (Salesforce Platform)

May 2024 – Jun 2024

TriColor Initiatives Pvt. Ltd. | Panchkula, Haryana

- Designed and implemented secure frontend interfaces and backend automation using **Lightning Web Components**, handling production data for 500+ users.
- Built secure **RESTful API integrations** to facilitate encrypted data exchange between Salesforce and external platforms, reducing integration time by 20%.
- Implemented automated data reporting workflows, optimizing query performance by 25% and ensuring strict access controls using Connected Apps.
- Collaborated on debugging, performance tuning, and production support for live CRM environments, resolving 15+ critical issues.

### President & Engineering Lead – GDG on Campus

Sep 2024 – Jul 2025

Mullana, Haryana

- Facilitated **Agile workflows** (Sprint Planning, Stand-ups) for a team of 30+ engineers, ensuring on-time delivery of technical projects.
- Led the development of data-driven web applications, establishing standard processes for version control and documentation.
- Organized technical workshops on Google Cloud and AI, impacting 1,000+ students and fostering a culture of continuous learning.

## Technical Skills

**Languages:** C++, Python, SQL, JavaScript, Dart

**Frameworks & Libraries:** Node.js, ReactJS, Express, TensorFlow, Flutter, RESTful Services

**Data & Databases:** MongoDB (Schema Design), Firestore, SOQL, Data Structures & Algorithms

**DevOps & Tools:** Git/GitHub, Agile/Scrum, Jira, Postman, AWS (Basic), Unit Testing

## Projects

### Orbcura | Mobile Framework, Data Protocols, AI

Jul 2024 – Sep 2024

- Patent Published:** Co-authored a patent for the application's accessibility data workflow and AI navigation.
- Designed a custom offline data transport layer using **USSD protocols**, enabling analytics collection without Internet dependencies.
- Nominated for FY2024 INNO-vation Award for innovative use of legacy data protocols.

### Silent Voice | Algorithm Design, Computer Vision, Python

Oct 2024 – Dec 2024

- Ideathon Taiwan Winner:** Recognized internationally for conceptualizing a high-efficiency sign-language translation pipeline.
- Designed a computer vision algorithm optimized for mobile frameworks, aiming for low-latency inference on edge devices.

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

Jul 2025 – Jan 2026

- Built a scalable full-stack marketplace, designing the database schema to handle complex relationships between users and products.
- Implemented robust **input validation and error handling** frameworks to ensure data integrity and security.
- Utilized Agile practices during development, iterating on features based on beta testing feedback from 200+ users.

## Open-Source & Achievements

- Authored PRs** for **TheAlgorithms/Python** (217k+ stars) and **Zomato/espresso** (logging best practices), passing all CI/CD and validation checks.
- Merged Contribution** to **modelscope/Trinity-RFT**: Improved documentation for CPU-only inference, facilitating easier adoption.
- Earned GitHub **Pull Shark** achievement (x2) for consistent code contributions and active community engagement.
- Active problem solver on LeetCode, focusing on Data Structures optimization.

## Education & Certifications

### Maharishi Markandeshwar (Deemed To Be University)

B.Tech, Computer Science and Engineering (Final Year)

**Certifications:** Machine Learning Specialization (Stanford), Salesforce AI Associate.

Mullana, Haryana

Graduation: May 2026