

Parag Sharma

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Professional Summary

Software Engineer with experience building scalable full-stack and AI-driven systems using JavaScript, Python, and cloud-native architectures. Demonstrated ownership of end-to-end development, backend optimization, and API design. Strong foundation in data structures, algorithms, and system design fundamentals. Seeking a Software Development Engineer role to build reliable, high-impact software at scale.

Experience

Software Engineer Intern (Salesforce Platform)

TriColor Initiatives Pvt. Ltd. | Panchkula, Haryana

May 2024 – Jun 2024

- Designed and implemented **backend automation** using Apex and Lightning Web Components, improving operational efficiency by 25%.
- Built scalable **RESTful API integrations**, enabling secure data exchange and interoperability with external systems.
- Developed analytics dashboards using Salesforce reporting and AI tools to improve data visibility for stakeholders.
- Participated in debugging, performance tuning, and production support for live CRM environments.

President & Engineering Lead – GDG on Campus

Mullana, Haryana

Sep 2024 – Jul 2025

- Led a **30+ member engineering team** to design and deliver 10+ production-grade web and AI projects.
- Drove **Agile development practices**, Git-based version control, and peer code reviews across student teams.
- Owned end-to-end delivery of **production-grade**, award-winning systems including *Silent Voice* (Ideathon Winner) and *Orbcura* (Patent Published).
- Mentored engineers on backend design, API development, and cloud deployment best practices.

Technical Skills

Languages: C++, Java, Python, JavaScript

CS Fundamentals: Data Structures, Algorithms, OOP, System Design (Basic), DBMS, OS

Backend: Node.js, Express, REST APIs, Salesforce Apex, Firebase (Functions, Auth)

Databases: MongoDB (Schema Design), SQL, Firestore

Cloud & Tools: GCP, AWS (Basic), Git/GitHub, Agile/Scrum, Jira, Postman

AI / ML: TensorFlow, OpenCV, Computer Vision, Deep Learning

Projects

Orbcura | Mobile App, Firebase, AI

Jul 2024 – Sep 2024

- Patent Published:** Co-authored a patent for the application's AI-assisted accessibility and navigation workflow.
- Developed an **accessibility-first mobile application** enabling real-time AI-based image understanding and guided interactions.
- Designed secure, **voice-driven UPI payment workflows** backed by Firebase services to ensure reliable transactions.

Silent Voice | Python, TensorFlow, OpenCV

Oct 2024 – Dec 2024

- Architected a **real-time computer vision pipeline** for sign-language translation using deep learning.
- Optimized model performance for **low-latency inference** on mobile devices, suitable for real-time usage.
- Recognized internationally (Ideathon Taiwan Winner) for innovation in accessible communication technology.

LinkFluence | Node.js, Express, MongoDB

Jul 2025 – Present

- Designing **scalable REST APIs** for campaign management, user authentication, and secure workflows.
- Implementing **schema-optimized MongoDB models** to efficiently handle high read/write workloads for user profiles.
- Developing a full-stack marketplace platform connecting micro-influencers with brands through automated matchmaking.

Aqua Watch | Google Maps API, Firebase

Nov 2023 – Feb 2024

- Engineered backend workflows supporting **sub-2 second real-time updates** for disaster response.
- Developed a real-time flood alert platform using geolocation APIs and community-sourced data.

Education & Certifications

Maharishi Markandeshwar (Deemed To Be University)

Mullana, Haryana

B.Tech, Computer Science and Engineering; CGPA: 8.03

May 2026

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