

Parag Sharma

Ambala, Haryana, India | +91-9350208607 | sharmaparag2004@gmail.com
[linkedin.com/in/p09s](https://www.linkedin.com/in/p09s) | github.com/P09s | [Portfolio](#)

Education

Bachelor of Technology (B.Tech) in Computer Science & Engineering
Maharishi Markandeshwar (Deemed to be University)

Graduated: May 2026
Mullana, Haryana

- **Academic Standing:** CGPA 8.03 / 10.0

Experience

Software Development Engineering (SDE) Intern
Addval Solution

July 2026 – Present
Onsite, Mohali, Punjab

- Architecting the evidence engine for the *kulcare* product utilizing scalable Retrieval-Augmented Generation (RAG) pipelines.
- Evaluating and benchmarking various embedding and language models to optimize vector retrieval accuracy and context processing.

AI Associate Intern
TriColor Initiatives Pvt. Ltd.

May 2024 – June 2024
Panchkula, Haryana

- Leveraged Salesforce Einstein AI to automate cross-cloud workflows and streamline operations within the enterprise CRM.
- Engineered automated solutions for dashboard generation and pipeline creation, significantly improving data visibility for active users.

Engineering Projects

Silent Voice | *Python, OpenCV, MediaPipe, Edge Inference*

Oct 2024 – Dec 2024

- Engineered a real-time ASL sign-language interpreter executing 21-point finger geometry extraction at 30+ FPS on CPU-only hardware.
- Integrated native OS audio APIs to enable zero-dependency offline text-to-speech execution; won international recognition from Taiwan's Ministry of Digital Affairs.

RepoSage | *Python, LangChain (LCEL), ChromaDB, Groq API, Streamlit*

Mar 2026 – Apr 2026

- Implemented a multi-hop RAG strategy to query GitHub repositories, fetching contextually linked files to simulate realistic code navigation.
- Built a structured ingestion engine storing file metadata, line numbers, and content chunks in ChromaDB with deduplication mechanisms.

Orbcura | *Python, OpenCV, MediaPipe, Flutter, USSD*

Jul 2024 – Sep 2024

- Developed an assistive vision application using real-time joint-kinematic tracking to interpret user motion patterns.
- Co-authored a published patent for an offline USSD-based accessibility transaction workflow running on feature phone network constraints.

Leadership & Honors

President & Community Lead

Sep 2024 – Jul 2025

Google Developer Groups (GDG) on Campus

Mullana, Haryana

- Managed a core team of 30+ developers and directed two national student hackathons, facilitating participation for 400+ attendees and 150+ teams.
- Facilitated technical workshops on Generative AI and Google Cloud APIs for 150+ student developers.

Key Awards & Recognition:

- **Good Idea Award Winner (\$40,000 NT):** Taiwan Ministry of Digital Affairs International Competition (Nov 2024).
- **Top 5 National Finalist:** Google Hack4Change Challenge out of 3,000+ competing teams (Aug 2024).
- **National Innovation Award Runner-Up:** Awarded 2nd position in NIA 2024 (Nov 2024).

Technical Skills

- **Languages:** Python, C++, SQL
- **ML, CV & AI Tools:** OpenCV, MediaPipe, LangChain (LCEL), ChromaDB, TensorFlow, Scikit-Learn
- **Developer Tools & Cloud:** Git, GitHub, REST APIs, Google Cloud Platform, Streamlit, Linux