JAGRAV KAPOOR

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SUMMARY

Backend Developer & Data Enthusiast skilled in Python, Django, and REST API development, with hands-on experience in building secure, high-performance systems. Proficient in data processing, database optimization, and delivering scalable, real-world solutions. Strong collaborator with a focus on writing clean, efficient code, ensuring seamless integration across systems, and continuously learning new technologies to stay ahead in a fast-evolving tech landscape.

EDUCATION

B.Sc. (Hons) Computer Science — University of Delhi, New Delhi	June 2025
Class XII (Commerce with Mathematics), CBSE — Delhi Public School, Rohini	2022

SKILLS

- **Languages:** Python, SQL, JavaScript
- **Frontend:** React.js (Learning), HTML, CSS
- **Frameworks:** Django, Django REST Framework (DRF)
- **Libraries & Data Tools:** Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn
- **Databases:** MySQL, SQLite
- **Tools & Platforms:** Git, GitHub, VS Code
- **APIs:** REST API Development, Third-Party API Integration

WORK EXPERIENCE

Coforge Ltd. | Jul 2025 – Present

- Developed backend modules in Python, Django, and DRF for a government record management system, enabling secure handling of 50K+ records daily.
- Built and optimized RESTful APIs, reducing response times by 25% and improving data processing efficiency.
- Added new features to enhance functionality and data integrity, contributing to smoother workflows.
- Collaborated with senior developers in code reviews, ensuring high-quality, maintainable code.
- Assisted in deployment workflows, bug resolution, and cross-team coordination for on-time project delivery.

PROJECTS

Smart Attendance System   (Computer Vision Application)

- Built a real-time facial recognition attendance system using Python and OpenCV (LBPH) for automated recordkeeping.
- Developed a Flask-based admin interface with SQLite backend for easy data management and reporting.
- Improved face detection accuracy to 90%+ by optimizing Haar cascades and applying lighting normalization.
- Automated attendance logging with timestamps, reducing manual tracking time by 70%.
- **Tech Stack:** Python, OpenCV, Flask, SQLite

ADDITIONAL INFORMATION

- **Languages:** English, Hindi
- **Availability:** Immediate
- **Target Roles:** Backend Development (Django/Python), Data Analysis, Data Science, Machine Learning