

OMPAL YADAV

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Technical Skills

Technical Skills: Java, Python, Go, C++, JavaScript (ES6+), Node.js, Express, Flask, React.js, Redux, API Design & Implementation, Modern UI & State Management, Agile Methodologies.

Tools & Databases: SQL, MySQL, AWS, Docker, Git, GitHub, Jupyter Notebook.

Soft Skills: Analytical Problem-Solving, Effective Communication, Team Collaboration, Project Delivery, Adaptability, Time Management.

Education

Chandigarh group of colleges, Jhanjeri

Bachelor of Computer Applications (BCA)

2022 – 2025

Chandigarh

Experience

RWS Group

AI Data Associate (Remote) / RWS Group

Sept, 2025 – Present

Chandigarh, Chandigarh

- I contribute to multiple **AI/ML projects** for a global client, leveraging my skills in computer vision, natural language, and multimodal datasets.
- I perform **data annotation, validation**, and quality assurance on **large datasets**, ensuring the accuracy and consistency needed to support **AI model training**.
- I execute workflows such as image analysis, face-swap validation, and **multimodal task evaluation**, consistently meeting strict accuracy and productivity benchmarks..
- Collaborating with an **international** project management team via the **RWS TrainAI platform**, following secure compliance protocols, and tracking/reporting daily productivity.
- Enhanced skills in remote collaboration, **task execution at scale**, attention to detail, and time management in **high-performance** environments.

Projects

Search-Matters – (Lead Developer)

- Built a scalable job search platform combining **private and government listings with city-wise search**.
- Implemented personalized job alerts, application tracking, and a community-driven test/serial learning platform to enhance user engagement and preparation.
- Integrated **advanced search filters, saved job tracking, and notifications** for a seamless candidate experience.
- Technologies used: **React.js, Node.js, MongoDB, REST APIs**

Share-Matters – (System Architect)

- Solved food waste and surplus management problem by building a **cross-platform mobile app** connecting consumers with restaurants and stores for real-time resource sharing.
- Implemented **real-time inventory tracking, secure payment gateways, and gamified** sustainability rewards to engage users and partners.
- Onboarded 100+ vendors and saved 10+ tons of food, promoting eco-conscious community impact.
- Technologies used: **Flutter, Firebase (Basics)**

Update-Net – (Technical Lead)

- Solved fragmented content consumption problem by developing an **aggregated news and educational platform** with personalized feeds and smart categorization.
- Implemented **NLP-powered content analysis, real-time notifications, and analytics dashboards** for enhanced user engagement.
- Boosted monthly engagement by 30%, improving discoverability of curated resources.
- Technologies used: **Python (Flask), REST APIs, Firebase**