

PAYAL AGARWAL

Software Developer

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Lohegaon, Pune-411047

Payal Agarwal

EXPERIENCE

Software Developer

Comvision India Pvt Ltd

July 2023 – Dec 2024

Pune, India

- Designed and developed secure, high-performance RESTful APIs using FastAPI for multiple web portals.
- Collaborated with frontend teams to integrate API contracts and ensure seamless UX delivery.
- Led a client-site deployment project in Mumbai, enhancing stakeholder collaboration and on-ground delivery.
- Mentored junior developers on Python and API best practices, boosting team efficiency.
- Independently managed a complete feature delivery cycle – from design to deployment – for a critical module.

Applied AI Engineer

DevRev

Jan 2025 – Ongoing

Chennai, India

- Collaborating directly with clients to customize and extend platform capabilities through tailored dashboards and plug-in development.
- Designed and maintained automated cron jobs involving complex queries for scheduled data processing and reporting tasks.
- Developed Python scripts to automate repetitive manual tasks, improving operational efficiency and reducing human error.

PROJECTS

SBI-Fastag Issuer

- Tools and technologies used:** Python, FastAPI, Oracle, Celery, Task Scheduling, Cron Jobs, Redis, NETC APIs
- Engineered a scalable API layer serving multiple portals for inventory, wallet, and customer management.
- Built Redis- and Celery-based job queues to handle scheduled reconciliation and report dispatching.

MSI- Master System Integrator

- Tools and technologies used:** Python, FastAPI, Postgresql, NETC APIs
- Developed a backend system for calculating toll fare using entry/exit data and vehicle type.
- Integrated real-time and batch data collection with REST APIs and PostgreSQL.
- Delivered features like report export, vehicle history tracking, and transaction analysis.

ACHIEVEMENTS



2nd Runner-Up

Techno-Sci Hackathon – Recognized for innovative problem-solving in a competitive environment.



Virtual Internship

Completed AI and ML internship at YBI Foundation with hands-on exposure to real-world machine learning projects.

TECHNICAL SKILLS

- Languages & Concepts:**
Python, JavaScript, TypeScript
- Backend Frameworks:**
FastAPI, Flask
- Databases:**
MySQL, PostgreSQL, Oracle
- Tools & Libraries:**
Redis, Celery, Pandas, NumPy, BeautifulSoup, Requests
- DevOps & Cloud:**
Git, Bitbucket, Ubuntu, Cron Jobs
- ORM & Query Builders:**
SQLAlchemy
- IDEs & Environments:**
VS Code, Jupyter, Cursor, Google BigQuery

STRENGTHS

- Strong backend and API development
- Analytical thinking and data processing
- Clear communication and team collaboration
- Task automation and problem solving

EDUCATION

BE in Computer Science

Marathwada Mitra Mandals Institute of Technology(MMIT)

June 2023

CGPA: 8.34

12th HSC

St. Mira's College

2019

Percentage:- 62.77

10th SSC

St. Mira's School

2017

Percentage:- 77.20