

ANSHUL WYCLIFFE

Chhattisgarh, India

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Summary

Software Developer specializing in Python, Flask, PySide6, MongoDB, and JavaScript. Experienced in building desktop applications, REST APIs, and database-driven web platforms with a focus on scalability and performance. Passionate about automation, SaaS products, and solving real-world problems through technology.

Experience

Software Developer

Nov 2023 – Sep 2024

William Patholab

Chhattisgarh, India

- Developed and maintained pathology reporting software used in live lab operations.
- Implemented new features based on lab requirements, including report generation and patient data management.
- Handled backend logic, database architecture (MySQL), and UI workflows using Python and PySide6.

Education

Bachelor of Computer Applications (BCA)

2024 – 2028

St. Thomas College, Bhilai

- Coursework: Computer Programming, Software Development, Databases, and Application-Oriented Computer Science.

All India Senior Secondary Certificate Examination (AISSCE)

2023 – 2024

Weidner Memorial Senior Secondary School

- Subjects: Physics, Chemistry, Biology with Information Practices.

Projects

CivicBio | *Flask, JavaScript, MongoDB, Supabase, QR, RBAC* | [Live Demo](#) | [GitHub](#)

- Role-based, QR-enabled biomedical waste management platform for civic authorities to monitor, regulate, and audit the complete waste lifecycle.

DawaiTrack | *Flask, JavaScript, MongoDB, Bootstrap, Vercel* | [Live Demo](#) | [GitHub](#)

- Healthcare platform combining online pharmacy services, medicine lifecycle management, and an expired medicine take-back system enabling users to purchase medicines, track orders, and safely return expired items.

Aksara Farming Advisor | *Flask, LLM (Mistral-7B), llama-cpp-python, Ngrok* | [GitHub](#)

- AI-powered farming assistant using Flask and a streaming chat UI. Leverages the Aksara v1 GGUF LLM for structured, agriculture-focused guidance for farmers.

School Management System | *Python, PySide6, SQLite, Docx* | [GitHub](#)

- Comprehensive Qt-based desktop application managing school operations – student admission, staff management, attendance tracking, marks management, and fee collection.

Pathology Reporting Software | *Python, PySide6, MySQL, Pandas, CSV* | [Demo Video](#)

- Desktop pathology reporting software built for William Patholab. Full report lifecycle with MySQL backend, Pandas-based data processing, and CSV export capabilities.

Technical Skills

Languages: Python, JavaScript, C++, Java, HTML, CSS

Frameworks & Libraries: Flask, PySide6 (Qt), Bootstrap, Pandas

Databases: MongoDB, MySQL, SQLite, Supabase

Tools & Platforms: Git, GitHub, Linux, VSCode, Vercel, Netlify

Areas of Interest: Desktop Applications, Full-Stack Web, Backend Systems, Automation, SaaS Products