YASHASVI PANDEY

Patna, Bihar ✉ ypandey865@gmail.com 📞 +91 7903285511 **in**LinkedIn GitHub

PROFESSIONAL SUMMARY

Motivated BCA student skilled in Python, C/C++, JavaScript, SQL, and machine learning. Experienced in building AI systems, backend services, and full-stack applications. Strong problem-solver with hands-on project experience and the ability to learn quickly, collaborate effectively, and deliver results.

TECHNICAL SKILLS

- **Languages:** Python, C, C++, Java, JavaScript, PHP, Kotlin
- **ML / AI:** Pandas, NumPy, Scikit-learn, NLP, BERT, LLMs, Feature Engineering
- **Frameworks:** TensorFlow, PyTorch (Beginner), FastAPI, React JS
- **Tools:** Git, GitHub, Postman, Google Cloud, Linux
- **Databases:** MySQL, SQL, Firebase, ChromaDB
- **Web/Mobile:** HTML, CSS, Bootstrap, Responsive Design, Android Studio

EXPERIENCE

Artificial Intelligence Intern *Aug 2025 – Nov 2025*
Infosys
- Built **QueryTube AI**, a semantic YouTube search engine using transformer embeddings and ChromaDB.
- Improved retrieval accuracy by **32%** using MiniLM-L6-v2 and cosine similarity.

Technical Intern *May 2025 – July 2025*
We Avec U Group of Companies
- Customized **OJS** workflows and enhanced website UX, increasing engagement by **76%**.
- Built a university outreach database and improved digital presence.

KEY PROJECTS

- **QueryTube AI:** Semantic search system using SentenceTransformer embeddings, ChromaDB, and FastAPI. GitHub
- **GhostWriter AI:** LLM-based content generator using Sentence Transformers and prompt-optimized pipelines. GitHub
- **Dozo Mobile App:** Kotlin + Firebase app with authentication, storage, and interactive UI components. GitHub
- **ML – Student Performance Prediction:** Regression/classification models using Python and Scikit-learn. GitHub

EDUCATION

CHRIST University, Delhi NCR Campus *2024 – 2028 (Expected)*
Bachelor of Computer Application (Hons.)

ACHIEVEMENTS

- **Patent Published:** AI-Enabled Breath Analyzer for Diabetes Monitoring.
- **UN Millennium Fellowship 2025:** Selected under UN Academic Impact.

CERTIFICATIONS

- **AI Primer, Generative AI, Deep Learning, NLP — Infosys Springboard**
- **Entrepreneurship — IIT Madras**
- **Python — HackerRank**
- **Git & GitHub, Data Science with Python**

Language

- **English** — Professional Proficiency
- **Hindi** — Native Proficiency
- **German** — Elementary Proficiency