Indrajeet Kumbhar

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OBJECTIVE

Aspiring Backend and AI/ML Developer with strong skills in Python, SQL, and scalable API design. Experienced in developing intelligent systems using Machine Learning, Computer Vision, NLP, LLMs, and Retrieval-Augmented Generation (RAG). Skilled at building and integrating backend services with AI/ML models, databases, and user-facing applications to deliver real-world, data-driven solutions. Passionate about continuous learning, problem-solving, and contributing to innovative AI-driven products in collaborative environments.

EDUCATION

D. Y. Patil Agriculture and Technical University, Talasande
B.Tech in CSE (AI & ML)   *Pursuing*
CGPA: 8.34

S.M. Lohia Jr. College, Kolhapur   *2021–2022*
HSC — Grade: 73%

Shree Nageshwar High School, Kolhapur   *2019–2020*
SSC — Grade: 90%

TECHNICAL SKILLS

- **Languages:** Python , c++ , c
- **Frontend:** HTML, CSS , Javascript
- **Backend:** FastAPI
- **Database:** MySQL , postgresql , MongoDB
- **Tools & Platforms:** GitHub, VS Code, Power BI, Postman,Docker
- **Machine Learning:** CNN, YOLO, Supervised & Unsupervised Algorithms , Deep Learning

PROJECTS

- **AI-Powered Skin Cancer Detection** – Developed a CNN-based machine learning model to detect skin cancer from dermoscopic images. Classified lesions into benign or malignant categories, supporting early diagnosis and decision-making.
- **Employee Management System** — *Tech Stack: FastAPI, MongoDB, JWT, REST APIs* Built a secure employee management system with role-based access for Super Admin, Admin, and Employee. Developed and integrated RESTful APIs for authentication, employee onboarding, and dashboard management. Implemented JWT authentication and MongoDB integration to ensure data security and scalability.
- **Global Food Production Analysis** – Designed an interactive Power BI dashboard to analyze global food production trends across countries and categories. Visualized metrics such as production volume, regional distribution, and year-wise growth for data-driven insights.

EXPERIENCE

Backend Developer – Cybotronics, Pune   *Aug 2025 – Oct 2025*
Onsite Internship

- Designed and developed RESTful APIs using FastAPI and Flask for internal applications.
- Integrated secure authentication and authorization workflows (JWT/OAuth2) into backend systems.
- Worked with MySQL and MongoDB for database design, queries, and performance optimization.
- Collaborated with cross-functional teams to deploy scalable backend services supporting AI/ML applications.
- Improved API response efficiency and ensured proper documentation using Postman and Swagger.

EXTRA-CURRICULAR ACTIVITIES & CERTIFICATIONS

- Python Certification – Excel Technologies

SOFT SKILLS

Teamwork, Communication, Time Management, Active Listening