

Dino Jackson

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 Rajasthan, India

 LinkedIn

 Portfolio

 GitHub

PROFILE

Computer Science graduate with strong fundamentals in Python and web development. Experienced in building and deploying production-ready applications using Django, FastAPI, REST APIs, SQL databases, and Docker. Hands-on background in Python automation and scripting from real-world projects. Open to Backend and Full-Stack Developer roles.

PROFESSIONAL EXPERIENCE

November 2023 –
January 2025

TrineBridge, *Python Automation Developer*

- Built and maintained **Python automation scripts** to handle batch file processing, directory validation, and CSV handling.
- Implemented robust **error handling and structured logging** to make automation workflows reliable.
- Standardized automation** used across **100+ deliverables**, reducing manual effort and improving consistency.
- Collaborated with team members to troubleshoot failures and refine automation scripts.

July 2025 – October 2025
Remote

CODEXINTERN, *Python Development Intern*

- Built and delivered 3 applications including a **CSV Analysis Tool**, **Flask-based Sentiment Analysis App**, and **Gemini + Search API integration**.
- Strengthened skills in **Python**, **Flask**, **REST APIs**, and **debugging**; documented projects on GitHub.

EDUCATION

2021 – 2025
Udaipur, India

Bachelor of Technology (B.Tech) in Computer Science and Engineering,
Geetanjali Institute of Technical Studies — CGPA: 8.44 / 10 (≈ 80.2%)

SKILLS

Frameworks, APIs & Frontend: Django, FastAPI, Flask, REST APIs, React, Next.js

Databases: SQL (PostgreSQL, MySQL, SQLite), MongoDB, ORM

Testing & Quality: Basic testing concepts, validation logic, Pytest (unit tests)

Tools & Platforms: Git, GitHub, Postman, Linux commands, Docker (basics)

AI / Search Systems (project experience): Semantic Search, Embeddings, RAG, Vector Databases

PROJECTS

Job Tracker, *FastAPI, PostgreSQL, SQLAlchemy, JWT, Docker, Render, AWS EC2* 

GitHub 

- Built a job-tracking platform with authentication, CRUD operations, analytics dashboard, and CSV/PDF exports.
- Deployed using Docker on **Render and AWS EC2**.

Blood Bank RAG AI, *Django, Django REST Framework, Next.js, MongoDB (Vector Store), Sentence Transformers*

GitHub 

- Built an explainable **RAG-style semantic search system** over healthcare-style data.
- Implemented hybrid retrieval** combining embeddings with structured metadata.
- Designed deterministic AI summaries and safe fallback behavior.
- Full-stack system with clean API contracts and test coverage.

Portfolio Web App, *React, FastAPI, Docker, AWS EC2* 

GitHub 

- Built and deployed a personal portfolio with secure backend integration on AWS EC2.

ACHIEVEMENTS & CERTIFICATIONS

DevOps Mastery Program-2024, *Grras* 

Hack-A-Vishkar-2022, GITS
Presented an idea for a smart irrigation system using IoT.

ICMART-2025, GITS
Presented a paper titled “Blood Bank Management System”