

Dino Jackson

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👤 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

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| November 2023 – January 2025 | TrineBridge, Python Automation Developer <ul style="list-style-type: none">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 <ul style="list-style-type: none">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

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| 2021 – 2025
Udaipur, India | Bachelor of Technology (B.Tech) in Computer Science and Engineering,
<i>Geetanjali Institute of Technical Studies — CGPA: 8.44 / 10 (~ 80.2%)</i> |
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🧠 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

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| 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” |
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