

AUSTIN GRANBERY

Junior Python Developer | Backend Software Developer

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PROFESSIONAL SUMMARY

Computer Science student and Python developer building tested backend and web applications with Django, FastAPI, SQL/SQLite, JavaScript, and pytest. Hands-on project experience with relational data modeling, REST APIs, CRUD workflows, role-based permissions, input validation, audit/history tracking, database migrations, Git/GitHub workflows, debugging, and technical documentation. Nearly ten years of experience troubleshooting technical problems, supporting customers, and training teams.

TECHNICAL SKILLS

Languages: Python, SQL, JavaScript fundamentals, HTML, CSS

Frameworks & Web: Django, FastAPI, Django ORM, REST APIs, HTTP, JSON, Jinja2

Databases: SQLite, relational data modeling, CRUD operations, database migrations

Testing & Tools: pytest, Git, GitHub, uv, VS Code, Windows, Linux

Software Engineering: Object-oriented programming, API integration, authentication/authorization concepts, role-based access control, input validation, debugging, regression testing, technical documentation

PROJECTS

Renew Dental Case Tracker | Python, Django, SQLite, pytest, Git/GitHub

- Developing an internal Django application with relational case models, workflow stages, lifecycle states, due dates, and user attribution.
- Implemented audited service-layer operations for creation, updates, stage changes, holds, reactivation, completion, due-date changes, and controlled deletion using atomic database operations and validation.
- Built role-based permission rules and case history/audit tracking for administrator, doctor, assistant, and view-only workflows; development uses synthetic data only.

Job Lead Scout v1.0.0 | Python, FastAPI, SQLite, JavaScript, pytest, REST APIs

- Built and released a FastAPI application that retrieves Adzuna job listings, normalizes and stores leads in SQLite, prevents duplicates, and supports paginated/status-filtered workflows.
- Implemented JavaScript status updates, CSV export, protected archived-lead deletion, and 40+ automated pytest tests using feature branches, pull requests, and release/versioning practices.

Job Tracker v1.0.0 | Python, SQLite, pytest, Git/GitHub

- Built and released a SQLite application for creating, editing, searching, sorting, archiving, restoring, and exporting job application records, with URL validation, safe database migration, predictable error handling, and 15 pytest tests.

Weather & Fishing Conditions CLI | Python

- Built an interactive Python CLI with validated yes/no and numbered-menu input, weather and water-condition collection, and weighted rule-based scoring for fishing conditions.

EDUCATION

University of Phoenix | Bachelor of Science in Computer Science - In Progress

PROFESSIONAL EXPERIENCE

Cellular Sales | Trainer and Sales Associate | League City, TX | 2024-2026

- Diagnosed device, connectivity, billing, trade-in, upgrade, and account issues; translated technical options into clear recommendations and trained new hires on products, systems, troubleshooting, and customer workflows.

Dealership Autoglass | Trainer and Installer | Houston, TX | 2022-2024

- Trained 60+ new hires across Harris and Galveston Counties and coordinated scheduling, warranty support, field logistics, troubleshooting, safety, quality, and process consistency across locations.

Additional experience: Auto Glass Technician, Safelite Auto Glass, 2020-2022; Mechanic, Mr. Mechanic, 2016-2020.