

Dayanidhi Jat

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Profile

Backend Software Engineer with experience in Python, FastAPI, MySQL, and SQLAlchemy. Focused on building efficient backend systems, solving problems, and writing clean code. Passionate about continuous learning and contributing to impactful projects.

Education

HNB Garhwal University | Srinagar, Uttarakhand
B. Tech in Information Technology

Projects

[Hood Hire](#)

Developed backend for a service booking platform with **JWT** authentication, skill/booking management, user profiles, and real-time notifications.

- **Tech:** Python, FastAPI, SQLAlchemy, MySQL, Alembic
- **Responsibilities:** Designed RESTful APIs, implemented CRUD operations, handled database migrations.

[Spen Aware](#)

Built a personal finance management tool with JWT authentication, budget management, transaction tracking, and expense categorization.

- **Tech:** Python, FastAPI, SQLAlchemy, MySQL, Potential for *integrating AI*
- **Responsibilities:** Developed RESTful APIs, implemented user authentication, and implemented CRUD functionalities.

[Sky Status](#)

Created a weather app with real-time data from WeatherAPI, displaying weather conditions and temperature.

- **Tech:** Python, FastAPI, WeatherAPI, Jinja2, Uvicorn
- **Responsibilities:** Integrated **WeatherAPI**, designed UI, managed API key securely.

[User Management System](#)

Developed a secure API for user registration, login, and profile management with JWT authentication, password hashing, and testing.

- **Tech:** Python, FastAPI, SQLAlchemy, MySQL, **Pytest**, JWT
- **Responsibilities:** Implemented JWT authentication, CRUD operations, and unit/integration tests.

Skills

Python, FastAPI, MySQL, SQLite, Pytest, HTML, CSS, DSA, Cybersecurity

Experience

Workmates Technologies | Jaipur, Raj
Python Developer Intern | 06/2023 - 07/2023

- Developed Python scripts for automation tasks, improving efficiency by **20%**.
- Gained hands-on experience with **databases** (MySQL, SQLite) for data storage and retrieval.