

Dayanidhi Jat

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SUMMARY

Backend Software Engineer with strong expertise in **Python programming** and **API Development**, skilled in building scalable systems and solving complex problems. Focused on building efficient backend systems, solving problems, and writing clean code. Passionate about continuous learning and contributing to impactful projects.

EDUCATION

Bachelor of Technology in Information Technology, HNB Garhwal University, Srinagar (Uttarakhand) 2020 - 2024

SKILLS

Programming & Scripting Languages: Python, C++, SQL,

Web Development & Frameworks: FastAPI, HTML, CSS

Database and ORM: MySQL, SQLite, Redis, SQLAlchemy, Alembic

Version Control Tools and IDE: Git, Github, VS Code, PyCharm, Postman, Docker

Testing & Problem Solving: Pytest, Data Structures & Algorithms (DSA)

Cybersecurity: Palo Alto Networks Cybersecurity Certification

Work EXPERIENCE

Python Developer Intern, Workmates Technologies, Jaipur(Rajasthan) June 2023 – July 2023

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

PROJECTS

Hood Hire-[Github](#)

- Developed backend for a service booking platform with **JWT** authentication, skill/booking management, user profiles, and real-time notifications.
- Designed RESTful APIs, implemented CRUD operations, handled database migrations.
- **Tech stack used:** Python, FastAPI, SQLAlchemy, MySQL, Alembic

Spend Aware- [GitHub](#)

- Built a personal finance management tool with JWT authentication, budget management, transaction tracking, and expense categorization
- Integrated WeatherAPI, designed UI, managed API key securely.
- **Tech stack used:** Python, FastAPI, SQLAlchemy, MySQL, Potential for integrating AI

Sky Status- [GitHub](#)

- Created a weather app with real-time data from WeatherAPI, displaying weather conditions and temperature.
- Developed RESTful APIs, implemented user authentication, and implemented CRUD functionalities.
- **Tech stack used:** Python, FastAPI, WeatherAPI, **Jinja2**, Uvicorn