

Curriculum Vitae

Personal Information

- **Full Name:** Devin Alexander Rymes
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Professional Summary

Motivated Python developer with 3 years of professional experience building scalable and efficient web applications. Skilled in **Flask**, REST API development, and database-driven applications. Adept at collaborating with cross-functional teams to deliver clean, maintainable code and user-focused solutions. Strong background in backend development, API integration, and DevOps practices.

Technical Skills

- **Languages:** Python, SQL, JavaScript (basic), HTML5, CSS3
- **Frameworks & Tools:** Flask, Jinja2, SQLAlchemy, Celery, Pandas, Docker, Git, PyTest
- **Databases:** PostgreSQL, MySQL, SQLite
- **Other:** RESTful API design, Unit Testing, Linux, Agile/Scrum, Continuous Integration (GitHub Actions, Jenkins)

Work Experience

Python Developer

BrightWorks Digital, Manchester, UK

June 2022 – Present

- Designed and implemented **REST APIs** using **Flask** and **SQLAlchemy**, consumed by multiple client applications.
- Developed a **customer analytics dashboard** with Flask and Jinja2, providing real-time insights into sales and user engagement.
- Integrated **Celery** for background task processing, improving system responsiveness.

- Deployed applications using **Docker** and automated pipelines in **GitHub Actions**.
- Collaborated with front-end developers to ensure seamless API integration with React-based UIs.

Key Project:

- *InsightHub*: A web-based analytics platform that processed millions of records daily using Flask and PostgreSQL, enabling SMEs to track KPIs in real time.

Junior Python Developer

TechSphere Solutions, Salford, UK

May 2020 – May 2022

- Built and maintained Flask-based web applications for clients in healthcare and retail sectors.
- Wrote reusable Python modules and created unit tests with **PyTest** to ensure reliability.
- Improved application performance by optimizing SQL queries and adding database indexes.
- Participated in code reviews and learned best practices in Pythonic coding style.
- Assisted in migrating a legacy PHP application to a modern **Flask** application with PostgreSQL.

Key Projects:

- *MediConnect*: A secure patient-doctor portal developed with Flask, allowing online consultations and prescription management.
- *RetailTrack*: A retail inventory system with barcode scanning integration and role-based access, improving stock visibility for shop managers.

Education

BSc (Hons) Software Engineering

University of Manchester, UK

2016 – 2019

Certifications

- Python Institute: **PCAP – Certified Associate in Python Programming** (2021)
- DataCamp: **Flask Web Development Track** (2021)

Personal Interests

- Contributor to open-source Flask extensions.
- Exploring data visualization with Python libraries like **Plotly** and **Matplotlib**.
- Cycling around Greater Manchester and the Peak District.