

DEVON HURTEAU

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FULL-STACK DEVELOPER ✦ SOFTWARE DEVELOPMENT ENGINEER

Full-stack developer with experience in designing, developing, and maintaining scalable software applications and integration solutions. Translated complex business and operational requirements into user-focused solutions that improved workflow efficiency, automated manual processes, and solved sophisticated operational problems. Designed application architectures that connected disparate systems and developed reliable data flows from concept through production. Recognized by management teams for strong problem-solving capabilities, attention to detail, and effective communication with both technical and non-technical stakeholders.

SKILLS

Web Development – Backend Engineering – Software Architecture – API Development – REST/SOAP Integration – Middleware Development – Database Design – Production Support – Process Automation – Operational Reporting – Requirements Gathering – Code Quality & Maintainability – Technical Documentation

PROFESSIONAL EXPERIENCE

FLAIR AIRLINES

2025 – Present

Full-Stack Developer / Technical Dispatcher

Remote

- Engineered a full-stack dispatch platform and designed the database models and workflows governing shift handovers, EDCT tracking, recurrent training, and operational reporting
- Developed REST APIs and integration services that translated requests and responses between modern applications and legacy flight planning systems with timeout handling and error logging for integration failures
- Automated FAA advisory, EDCT, overdue flight monitoring, and delay monitoring through scheduled Celery workflows and built dynamic filters to deliver alerts directly to dispatchers
- Created operational reports and dashboards covering dispatcher performance, fuel usage, tanker savings, extra fuel loading, and other metrics supporting data-driven insights and trends
- Wrote automated scripts for passenger-load forecasting and other operational analysis that reduced the need for manual interventions and provided dispatchers with timely operational insights
- Managed source control and application deployment with GitHub while implementing Docker-based deployment to improve application portability and consistency
- **Tech Stack:** Python – Django – FastAPI – Celery – JavaScript – REST/SOAP APIs – Django ORM – GitHub – Docker – PostgreSQL
- **Highlights:**
 - Modernized the legacy flight planning platform with a FastAPI to SOAP middleware layer that enabled modern applications to interact with SOAP services through standardized REST/JSON interfaces
 - Rewrote and maintained the Statistical Contingency Fuel tool and applied percentile-based analysis on historical fuel burn data optimizing contingency fuel levels and generate \$100K in yearly fuel savings

PROJECTS

Perimeter Threshold

- Built a Windows Forms application for airline operations that combined Ramp and Cargo Boards with an integrated weight-and-balance calculator to support real-time operational coordination
- **Tech Stack:** C# – SQL Server

Cargo Reporter

- Developed a full-stack web application for airline cargo operations featuring AWB scanning and status tracking, duplicate AWB detection, SLA monitoring for outstanding AWBs, and client/freighter management
- **Tech Stack:** Django – PostgreSQL – JavaScript

DifferenOdds API:

- Innovated a FastAPI service that aggregated sportsbook odds and powered a Same Game Parlay engine comparing thousands of parlay combinations across 8 sportsbooks in real-time with Celery and Redis for data caching
- **Tech Stack:** Python – FastAPI – Celery – Redis

DifferenOdds Comparison:

- Developed a web application providing side-by-side comparisons of live esports and soccer betting markets across multiple sportsbooks
- **Tech Stack:** Django – PostgreSQL – JavaScript – Redis

BettorOdds Liquidity Bot:

- Designed and rolled out an automated bot that extracted and processed sportsbook liquidity data to identify and alert high-value opportunities in real time
- **Tech Stack:** Python – Celery – Redis

Bridge Bot:

- Built an automation tool that extracted bet data from Discord threads, submitted it to the Pikkit API, and returned generated bet links to users
- **Tech Stack:** Python

OTHER PROFESSIONAL EXPERIENCE

BOOKSMART BOOKKEEPING

2023 – 2025

Bookkeeper

Winnipeg, MB

- Provided monthly bookkeeping services for 5+ clients to manage accounts payables and receivables, bill entry, customer payments, and bank and credit card reconciliations
- Onboarded new clients and maintained accurate financial records through QuickBooks Online, Xero, and Dext including balance sheet reconciliations and transaction review

PERIMETER AVIATION

2013 – 2022

Aircraft Load Coordinator

Winnipeg, MB

- Optimized aircraft payload utilization with accurate load planning while supporting operational continuity across night, weekend, and holiday shifts
- Coordinated aircraft loading and finalized flight documentation to resolve discrepancies while calculating aircraft weight and balance across cargo, baggage, and fuel to support flight operations
- Developed and rolled out an internal communications system that connected multiple departments on a unified platform to streamline ground operations

EDUCATION

Robertson College, Honors Graduate Certificate – Full Stack Web Development

2022

Harvs Air, Commercial Pilot License

2020

Harvs Air, Private Pilot License

2017

TECHNICAL SKILLS

Programming Languages

Python – JavaScript – C#

Backend & Frameworks

Django – Django REST Framework – FastAPI – Celery

Frontend

HTML – CSS – Tailwind

Databases & Caching

PostgreSQL – Redis – SQLAlchemy

APIs & Integration

REST – SOAP

DevOps

Git – GitHub – Docker – Linux