Fady Faheem

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PROFESSIONAL SUMMARY

Full-stack engineer with **6+ years** delivering cloud-native products and automation in Python, JavaScript/TypeScript, C#, and SQL. Ship containerized services, APIs, and data pipelines that deliver **85% manual-work reduction, $248K+ savings, and 99.9% uptime** for 50+ stakeholders. **AWS Certified Cloud Practitioner** with strong fundamentals in data structures, algorithms, and scalable architecture.

TECHNICAL SKILLS

Languages: Python, JavaScript/TypeScript, C#, SQL, Kotlin, C++, VBA
Frameworks: React, Node.js, FastAPI, Flask, .NET Core, Svelte, Angular
Cloud & DevOps: Docker, Podman, Kubernetes, AWS, Azure DevOps, CI/CD, Git
Data & Storage: SQL Server, MySQL, MongoDB, SQLite
Practices: Agile/Scrum, REST APIs, Microservices, TDD, XML/YAML

PROFESSIONAL EXPERIENCE

FedEx Supply Chain
Sep 2025 - Present
Business Analyst III • Coppell, TX

- Deployed containerized full-stack applications on **Docker/Podman + Kubernetes** with SQL Server and MongoDB, supporting 50+ business analytics users at **99.9% uptime**.
- Built **Python ETL pipelines processing 100K+ records/day** with XML/YAML configs; cut reporting prep by **85%** and delivered real-time KPI dashboards.
- Developed **Flask/FastAPI REST APIs** integrating with JDA BlueYonder WMS and ReverseLogix, eliminating **47% of manual workflows** and reducing errors by 30% across 3 distribution centers.
- Created **React + Python QR-code warehouse management system**, improving inventory accuracy from **87% to 98%** and cutting cycle count time by 60%.
- Implemented **Azure DevOps CI/CD pipelines** with Git for SQL deployments, reducing production incidents by **60%** and accelerating releases from monthly to weekly.

FedEx Supply Chain
May 2025 - Sep 2025
Automation Technician • Coppell, TX

- Built **Python CLI/GUI apps (Tkinter/Qt)** with MySQL processing 10K+ device records/day; cut parsing time by 35% and boosted accuracy to **99.8%**.
- Created **Python device-management tooling** integrating Samsung/Motorola/TCL APIs, **halving factory reset cycles for 500+ devices daily**.
- Engineered **Kotlin/Python IMEI barcode solution** with network validation, shrinking intake from **2 minutes to 10 seconds** and preventing $2M+ in tracking errors.

Bell Helicopter (Textron)
Jul 2024 - May 2025
Media-IT Support Administrator • Fort Worth, TX

- Engineered **Flask APIs for Bell 525 Relentless avionics data** (Collins/Garmin), cutting ingestion time **40%** and syncing flight training data across 12 simulators.
- Built **React/Svelte/Angular interfaces** adopted by 100+ staff; increased tool adoption **65%** and reduced support tickets 45%.
- Developed **.NET MAUI app** for maintenance documentation, saving **15 hours/week** across teams.

Bell Helicopter (Textron)   *Jul 2023 - Jul 2024*

Training Support Administrator • Fort Worth, TX

- Developed **React + Node.js + SQL pilot scheduling app**, reducing conflicts **20%** for 45+ aircraft and 80+ pilots.
- Automated forecasting with **VBA/Python**, saving **15 hours/month** and improving accuracy for $12M annual budget.
- Built **Python (Flask, Pandas) tool-control system** with SQLite, lowering tool loss by **16%** for $200K+ in assets.

Bell Helicopter (Textron)   *Sep 2022 - May 2023*

Software Engineering Intern • Fort Worth, TX

- Developed a **two-year digital transformation roadmap** for training systems modernization, identifying cloud migration strategies that reduced legacy system dependencies by **35%**.
- Prototyped **Python data ingestion tools using REST APIs**, later adopted and scaled by engineering teams to process **50K+ training records/month**.

EDUCATION

Western Governors University   *Graduated Nov 2025*

Bachelor of Science in Software Engineering • **GPA 3.8/4.0**

Relevant Coursework: Data Structures & Algorithms, Software Architecture, Databases, Web Development

TECHNICAL PROJECTS

FrameCluster (Kickstarter Campaign)   *3D Design, Distributed Systems | Kickstarter*

- Launched **FrameCluster**, repurposing Framework laptop boards into **rack-mounted clusters** for sustainable distributed workloads.
- Engineered modular **10" and 19" 3D-printed racks** with full documentation and **container orchestration workflows for Kubernetes** and home-lab deployments.

Raspberry Pi Vending Machine   *Python, SQLite, Hardware Integration | raspberrypi.com/magpi*

- Built vending system with **Python GPIO control, payments, and SQLite inventory**; featured in **Raspberry Pi MagPi Magazine #130**.
- Added **REST monitoring** with **real-time inventory alerts** and sales analytics.

Personal Portfolio   *React, Node.js, Tailwind CSS | fadyfaheem.com*

- Developed responsive full-stack site with **SEO and CI/CD**, achieving **98 PageSpeed score**.

AWARDS & HONORS

SkillsUSA - Cybersecurity   *National Finalist | 2023*

Awarded for demonstrating network security, threat analysis, and hardening expertise.

CERTIFICATIONS

Amazon Web Services (AWS) Certified Cloud Practitioner   *Nov 2025 - Nov 2028*

Credential ID: 9554d68cedcc463a9ac4801a3b7e7a8a

ITIL 4 Foundation   *Nov 2025 - Nov 2028*

Credential ID: GR671829753FF

CompTIA Tech+   *Issued Aug 2025*

Credential ID: FWV04L7Y7NRQYRF2