

Fady Faheem

Fort Worth, TX

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SUMMARY

Creative, solutions-driven Software Developer with 6+ years of experience delivering high-quality applications and automation tools for high-value clients. Focused on building performant, intuitive user experiences and tackling complex technical challenges, continually advancing skills through real-world problem solving.

SKILLS

VBA / Excel, React.JS, C#, Data Automation, Python, Unity Game Development, Team Building, Agile/Scrum Management, Quick Learner, Drives Results, Team Player, XML, YAML, .NET, JavaScript, C++, WebGL w/ Unity, Docker / Podman, Node.JS, Verbal/Written Communication, Ubuntu / Linux

WORK EXPERIENCE

Fedex Supply Chain

Business Analyst III

Sep 2025 - Present

Coppell, Texas

- Built and deployed full-stack applications using Docker and Podman, leveraging Kubernetes for streamlined orchestration and improved workflow efficiency within the Business Analytics team, while managing and optimizing SQL, and MongoDB databases to support scalable, data-driven solutions.
- Automated daily operational reporting by developing Python and VBA scripts including use of XML and YAML for configuration, reducing manual preparation time by 85% and delivering real-time visibility into customer data, throughput, and KPIs
- Streamlined scheduling processes by building Python-driven workflows that integrated with JDA BlueYonder, cutting manual processes by 47%
- Designed and deployed a QR code-based warehouse management database, enhancing inventory accuracy and reducing cycle count times
- Implemented VBA-based reporting solutions for finance and operations, eliminating redundant manual data entry and saving 20+ hours per week across teams
- Introduced Git and Azure DevOps to the Business Analytics team, reducing misconfigured SQL changes, improving version control and change-request tracking, and giving leadership clear visibility into project progress and workloads.

Fedex Supply Chain

Automation Technician

May 2025 - Sep 2025

Coppell, Texas

- Developed Python-based CLI and GUI applications integrated with MySQL, reducing data parsing and analytics time by 35% and improving reporting accuracy
- Executed 4G RF performance testing for leading OEMs (Samsung, Motorola, Google, OnePlus, TCL), validating compliance with industry standards and accelerating device certification timelines and increased test repeatability by 22%
- Partnered with Motorola, Samsung, and TCL engineering teams to build a Python-based FRP unlocking tool using proprietary APIs, reducing device reset cycle times by 50% across manufacturing workflows, while applying strong knowledge of TCP/IP, DHCP, DNS, and routing/switching to ensure secure and reliable integrations.
- Built an IMEI scanning solution to verify device ownership, cutting processing intake by over 90% (from 2 minutes to under 10 seconds) and significantly reducing asset tracking errors

Bell Helicopter

Media-IT Support Administrator

Jul 2024 - May 2025

Fort Worth, Texas

- Engineered and deployed Flask-based Python APIs integrating Bell Aircraft systems (Collins, Garmin, etc.), reducing manual data ingestion time by 40%
- Built user-friendly interfaces in React, Svelte, .NET MAUI, and Angular, improving internal adoption rates across training teams
- Developed Unity-based scalable tools (e.g., XML courseware editor, Crew Alerting System simulator) that cut training content production time by 25% and created CI/CD Pipelines (Azure, Jenkins) in order to streamline application deployment
- Designed and 3D-printed custom mechanical and flight-training parts, eliminating vendor delays and cutting \$48K in costs

Bell Helicopter

Training Support Administrator

Jul 2023 - Jul 2024

Fort Worth, Texas

- Initiated development of pilot scheduling applications on both web and mobile, reducing scheduling conflicts by 20% during early testing
- Automated financial forecasting and reporting with Excel VBA, cutting administrative workload by 15 hours/month
- Devised a tool control system built with Python (tkinter, flask, pandas, selenium) that lowered tool loss by 16%, safeguarding assets worth \$200K+

Bell Helicopter

Software Developer Co-Op

May 2023 - Jul 2023*Fort Worth, Texas*

- Drafted schematics for mission-critical applications (pilot scheduling, tool control, regulatory compliance), accelerating development timelines by 3 months
- Learned and applied VBA to maintain and update legacy macro systems supporting critical financial workflows, ensuring seamless operations and zero downtime during major system upgrades
- Adopted React.JS and Python to begin development of modern web applications, contributing to scalable front-end solutions

Bell Helicopter

IT Software Intern

Sep 2022 - May 2023*Fort Worth, Texas*

- Developed a two-year digital transformation roadmap that modernized data access, reduced dependency on legacy systems, and aligned technology initiatives with business needs
- Evaluated and piloted new data ingestion methods, building prototype tools that were later adopted and expanded by full-time engineering teams
- Gained foundational proficiency in CATIA and MATLAB, supporting early-stage design, modeling, and analytical tasks.

Edkit Studios

Intern Unity Game Developer

Aug 2021 - Sep 2022*Keller, Texas*

- Developed multiple 2D and 3D games using HDRP (High-Definition Render Pipeline) and URP (Universal Render Pipeline)
- Designed and launched AR/VR title Math Hunt, which became a finalist in SkillsUSA Texas, demonstrating innovation in educational gaming and recognition at a statewide level
- Applied advanced development tools and techniques to deliver immersive, interactive gameplay experiences, increasing user session times and expanding the scope of traditional gaming mechanics

PROJECTS

Personal Projects**May 2022 - Sep 2022**

- Developed professional development skills through creating and designing my E-Portfolio at fadyfaheem.com
- Coded, engineered, and fully wired a Raspberry Pi-powered vending machine, delivering an end-to-end automated solution and donating the completed system to St. Meena Orthodox Church.
Showcased on Raspberry Pi's MagPiMonday #130
- Designed and developed the full MAS Construction website (masconstruction.net), implementing responsive layout, optimized navigation, and modern UI components to showcase services and drive customer engagement.

EDUCATION

Western Governors University

Bachelors of Science - Software Engineer

CERTIFICATIONS

Amazon Web Services Cloud Practitioner

Issued Nov 2025 - Expires Nov 2028 - Credential ID: 9554d68cedcc463a9ac4801a3b7e7a8a

ITIL 4 Foundation

Issued Nov 2025 - Expires Nov 2028 - Credential ID: GR671829753FF

CompTIA Tech+

Issued Aug 2025 - Credential ID: FWV04L7Y7NRQYRF2