

# NICHOLAS TRIMBLE

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## PROFESSIONAL SUMMARY

- Full-stack developer with experience building practical, data-driven web applications using Python and modern frameworks. Skilled in creating tools that improve workflows, integrate APIs, and visualize data. Certified in AWS Cloud Practitioner, CompTIA Project+, and ITIL Foundation. Strong problem-solving mindset and collaborative approach to software development.

## EDUCATION

<b>Western Governors University</b>	2024-2025
<i>B.S. in Software Engineering</i>	<i>Salt Lake City, Utah</i>
<b>Arkansas State University</b>	2008-2009, 2013-2014
<i>Associate of Arts</i>	<i>Heber Springs, Arkansas</i>

## CERTIFICATIONS

- AWS Cloud Practitioner • CompTIA Project+ • ITIL Foundation • [View Certificates on LinkedIn](#)

## PROJECTS

<a href="#"><b>AutoBrief Smart Project Update Dashboard</b></a>   Python, Streamlit	<a href="#">Github Link</a>
<ul style="list-style-type: none"><li>• Built a modular Python demo compiling simulated GitHub, Jira, and Slack updates into concise stakeholder summaries.</li><li>• Developed an interactive Streamlit dashboard for clear visualization of updates.</li><li>• Verified pipeline reliability with lightweight unit checks and ensured reproducibility.</li><li>• Deployed the dashboard on Streamlit Cloud for live demonstrations and stakeholder review.</li></ul>	
<a href="#"><b>CodeCritical Fullstack Website</b></a>   Python, Flask, Render, Postgres/SQLite, HTML, CSS, JavaScript	<a href="#">Github Link</a>

• Built a full-stack Flask web app with database-backed blog management, enabling CRUD operations and dynamic content updates.

• Implemented a responsive UI with dark mode, rotating featured games carousel, and interactive live Steam search via external APIs.

• Integrated real-time search functionality using JavaScript and Flask routes to fetch live Steam data, enhancing engagement.

• Deployed on Render with PostgreSQL fallback, ensuring secure and scalable hosting.

[\*\*SkyPulse: Real-Time ISS and Weather Tracking\*\*](#) | Python, Flask, SQLite

• Built an automated ETL pipeline to pull live ISS location data, add overhead/night-time flags, and store in SQLite.

• Created an interactive Flask dashboard combining ISS position with real-time weather data.

• Scheduled data collection every 10 minutes with error handling for API downtime.

• Added user subscriptions with dynamic email notifications when the ISS is overhead.

## EXPERIENCE

<b>NDX Greens Dental – Dental Lab Technician</b>	2015 – Present
<i>Heber Springs, AR</i>	
<ul style="list-style-type: none"><li>• Managed workflow, trained and mentored new hires, ensuring consistent, high quality output.</li><li>• Recognized for 10 years of perfect attendance and consistent leadership, and developed strong problem-solving and process-improvement mindset that is transferrable to software development.</li></ul>	

## TECHNICAL SKILLS

- **Languages:** Python, SQL, Java, JavaScript, HTML/CSS
- **Frameworks / Libraries:** Flask, Streamlit, pandas, Numpy, Matplotlib, Spring Boot
- **Tools:** Git, Docker, IntelliJ, VS Code, PyCharm, Figma
- **Concepts / Practices:** Object-Oriented Programming, Full-Stack Development, ETL pipelines, API integration, Agile methodology, UI/UX design