

NICHOLAS TRIMBLE

1-501-339-7835 | [Email: nicktrimble07@gmail.com](mailto:nicktrimble07@gmail.com) | [LinkedIn: linkedin.com/in/nick-trimble](https://www.linkedin.com/in/nick-trimble) | [GitHub: github.com/nicholastrimble](https://github.com/nicholastrimble) | [Portfolio: nicholastrimble.Netlify.app](https://nicholastrimble.Netlify.app)

PROFESSIONAL SUMMARY

- Full-stack developer building data-driven web applications and AI-powered dashboards using Python and modern frameworks. Skilled in analyzing and visualizing complex data, integrating APIs, and delivering practical, production-ready solutions, with certifications in AWS Cloud Practitioner, CompTIA Project+, and ITIL Foundation.

EDUCATION

Western Governors University

B.S. in Software Engineering

2024-2025

Salt Lake City, Utah

Arkansas State University

Associate of Arts

2008-2009, 2013-2014

Heber Springs, Arkansas

CERTIFICATIONS

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

PROJECTS

[Data Lux – AI-Powered Business Insight Assistant](#) | Python, SQLite, Streamlit, NLP, OpenAI GPT

[Github Link](#)

- Built an AI-powered email analytics assistant that ingests data, classifies sentiment and type, and generates structured business insights.
- Developed an interactive Streamlit dashboard to visualize trends, sentiment distribution, and recent feedback.
- Implemented natural-language query support using OpenAI GPT, enabling real-time insights from plain English questions.
- Created a modular, scalable SQLite database pipeline for both fake/demo emails and real data, preparing the system for production-ready deployment.

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

[Github Link](#)

- Built an automated ETL pipeline to pull live ISS location and weather data, flagging overhead/night-time conditions, and storing in SQLite.
- Created an interactive Flask dashboard combining real-time ISS position, local weather, and an interactive star map for any location.
- Scheduled continuous data collection every 10 minutes with robust error handling, and added user subscriptions with dynamic email notifications for ISS overhead passes.
- Leveraged Python, Flask, and SQLite to deliver a fully functional, interactive astronomy tracking platform.

[CodeCritical Fullstack Website](#) | Python, Flask, Render, Postgres/SQLite, HTML, CSS, JavaScript

[Github Link](#)

- 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.

EXPERIENCE

NDX Greens Dental – Dental Lab Technician

2015 – Present

Heber Springs, AR

- Managed workflow, trained and mentored new hires, ensuring consistent, high quality output.
- 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.

TECHNICAL SKILLS

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