

TARUN S. PANDIT

AI PRODUCT ENGINEER | FULL-STACK SYSTEMS | AUTOMATION

West Chester, PA | +1 (925) 694-2311 | tarun@tarun.cloud | linkedin.com/in/tarunspandit

PROFILE

Founder-engineer who builds AI products and automation systems from product definition through deployment and support. Experience spans full-stack development, inference workflows, billing and entitlements, API integrations, observability, and production operations.

TECHNICAL SKILLS

Primary: Python, TypeScript, JavaScript, React, REST APIs, SQL, HTML/CSS

Systems: Docker, Linux, AWS, Google Cloud / Vertex AI, Azure, CI/CD, observability, job queues

Additional: C#, Dart, Java, Go, Swift, Flutter, React Native, networking, security fundamentals

EXPERIENCE

Founder & Sole Developer | Flow7 / StemsAI 2024 - Present stemsai.flow7.org

- Built and launched a production AI web product, owning product design, frontend, backend, infrastructure, deployment, reliability, and user support.
- Developed an inference workflow with job orchestration, queueing, progress tracking, secure output delivery, and self-serve user states.
- Fine-tuned and productionized audio-separation models through iterative evaluation, training runs, checkpoint optimization, and deployment.
- Implemented subscription and credits billing, entitlement checks, usage limits, abuse safeguards, automated deployments, and observability.

Co-Founder / Lead Engineer | YourLeadAI Jan 2025 - Present yourleadai.com

- Own engineering, automation architecture, deployment, testing, and technical delivery for client-specific lead and operations workflows.
- Built integrations across websites, chatbots, calendars, CRMs, follow-ups, task routing, qualification, and meeting booking.
- Implemented APIs and data flows that keep records consistent across client systems and support iterative production changes.

Network Engineer | NeoBioLinus Inc. Jun 2023 - Dec 2024 [Pennsylvania](https://pennsylvania.com)

- Diagnosed hardware, software, and network connectivity issues; configured systems and applications across user environments.
- Maintained technical records and documentation while collaborating on internal process and support improvements.

SELECTED PROJECT

Campus-grade network and security lab: designed a UniFi environment with a UXG Pro gateway, enterprise Mellanox switching, Wi-Fi 7 access points, segmentation, Protect cameras, and documented topology and configuration standards.

EDUCATION & CERTIFICATION

Western Governors University - B.S. Information Technology, expected 2026

George Mason University - B.S. Computational and Data Sciences, expected 2027

ITIL 4 Foundation | U.S. citizen; no sponsorship required