GARRETT PAPIT

Solutions Architect & Technical Lead

Dallas, Texas, 75243 | (469) 825-1508 | garrettpapit@gmail.com

PROFILE

Dynamic Solutions Architect and Technical Lead with over 20 years of experience designing, scaling, and orchestrating enterprise-level cloud and .NET architectures. Expert at bridging the gap between high-level business strategy and technical execution, leveraging an MBA background to optimize system performance and financial efficiencies. Proficient in modern microservices design, containerized deployment patterns, and building automated data engineering workflows that maximize local hardware resources.

TECHNICAL CORE

- **Architecture & Cloud:** Microservices, API Development, Azure Cloud, AWS, System Analysis
- **Backend Frameworks:** C#.Net, .Net Core, MVC.Net, ASP.Net, Entity Framework, LINQ
- **Data Systems & Messaging:** SQL Server, MongoDB, MSMQ, Relational Databases
- **Containers & DevOps:** Kubernetes, Docker, CI/CD pipelines, Git Architecture
- **Frontend Stack:** Angular, React, TypeScript, JavaScript, JQuery, HTML5/CSS3
- **Methodologies:** Agile SCRUM, Enterprise Design Patterns, Secure Coding Practices

PROJECT PORTFOLIO (FEATURED TECHNICAL INTEGRATION)

Architect & Developer | Offline AI-Driven Media Intelligence Pipeline

Designed and engineered a localized, self-contained data pipeline application to process, enhance, and organize multi-terabyte media libraries without external cloud compute reliance or overhead.

- Orchestrated local model runner frameworks leveraging **Ollama (Llama 3.2 / 3.2-Vision)** for offline automated content analysis, visual understanding, and metadata tagging.
- Integrated **faster-whisper** engines locally for highly efficient, asynchronous audio transcriptions and deep semantic indexing.
- Utilized **ffmpeg** and **tinytag** libraries within a centralized Python processing wrapper to automate batch media enhancements, file transformations, and context-based programmatic renaming structures.

EMPLOYMENT HISTORY

Founder & Principal Solutions Architect | GarretTech Solutions, Dallas Nov 2024 — Present

- Established a technical services entity delivering custom software engineering, localized AI automation integrations, and advanced IT infrastructure recovery strategies for B2B accounts.
- Architected secure local data workflows, enabling clients to benefit from modern AI efficiencies completely offline, removing recurring vendor cloud fees.
- Provisioned full-scale disaster recovery, bare-metal operating system restorations, system performance diagnostics, and custom workstation hardware architecture upgrades.

Sr. Application Developer | NCFCA, Orland Park Apr 2024 — Oct 2024

- Engineered enterprise-wide application ecosystems using C#.Net, .Net Core, and Angular frontend patterns.
- Designed and scaled secure services natively within Microsoft Azure, maximizing cloud availability frameworks.
- Collaborated tightly in Agile SCRUM iterations to deploy responsive features matching corporate milestones.

Sr. Application Developer | Kolter Solutions, Maitland Oct 2022 — Mar 2024

- Leveraged Amazon Web Services (AWS) and full-stack C#.Net systems daily to support high-traffic technical distributions.
- Built extensible data layers utilizing both relational SQL Server architectures and non-relational MongoDB instances.
- Standardized secure, performance-tuned RESTful APIs and transitioned aging legacy modules into distributed microservices topologies.

Sr. Application Developer | Zeal IT Consulting, Dallas Jul 2021 — Oct 2022

- Spearheaded core cloud engineering initiatives across extensive .NET Core and Microsoft Azure enterprise services.
- Configured containerized orchestration patterns leveraging **Docker** and **Kubernetes** to streamline isolated environment deployments.

Tech Lead / Architect – eCommerce | Sally Beauty Supply LLC, Denton Oct 2019 — Jul 2021

- Directed offshore engineering teams, standardizing quality baselines, delivery sprint cycles, and release windows.
- Partnered with executive leadership to prioritize roadmaps and intercept critical defects on the CosmoProf Beauty B2B platform.