

Payne Patzke

Woodstock, GA • (404) 245-9939 • paynewp@gmail.com • **LinkedIn:**
linkedin.com/in/payne-patzke-56957937

Professional Summary

Seasoned **Software Engineer** (and certified AWS Solutions Architect) with extensive experience developing and modernizing systems in **healthcare**, legal, and AI domains. Proven ability to design, code, and **debug** high-quality software solutions using a broad range of technologies including **C#/.NET**, **JavaScript/AngularJS**, **Delphi**, **Python**, and **InterSystems Caché (MUMPS)**. Adept in the full software development lifecycle and **agile methodologies** (Scrum), with a track record of delivering secure, scalable applications on schedule. Passionate about leveraging technology to **improve patient care** and business outcomes, with strong skills in **troubleshooting**, **teamwork**, and **documentation** to ensure product excellence and customer satisfaction.

Technical Skills

- **Programming & Scripting:** C# (.NET), Python, JavaScript (ES6+), Delphi, MUMPS; proficient with Bash scripting.
- **Web & Software Development:** AngularJS, HTML5, CSS3, JSON, RESTful API design and integration.
- **Databases:** SQL/Relational Databases (experience with MySQL, familiar with PostgreSQL); NoSQL (MongoDB); **InterSystems Caché/GT.M** (MUMPS databases).
- **Tools & Platforms:** Git, Jenkins, Docker, Windows & Linux environments; AWS Cloud architecture and services (certified AWS Solutions Architect).
- **Practices:** **Agile/Scrum** development, CI/CD pipelines, code reviews, unit/integration testing, and comprehensive code documentation.

Professional Experience

Grey Pulse LLC (greypulse.io) – *President & Lead Solutions Architect*
(Pre-Revenue Startup | July 2024 – Present)

- **Led architecture and development** of a legal-tech platform using modern frameworks and cloud services. Planned project sprints and guided an agile team to **modernize legacy legal systems** with cutting-edge AWS solutions and AngularJS front-ends.
- **Spearheaded development** of a robust data lake and integrated advanced AI/ML models, enabling an intelligent legal AI agent to replace outdated systems. Ensured solutions were **scalable and secure** using AWS (EC2, S3, etc.), **AngularJS**, **MongoDB**, and Rasa (conversational AI).
- Developed sophisticated web crawlers and automation scripts in **Python** for precise metadata extraction and data mining, improving the efficiency of data collection for

the platform.

(This role demonstrates leadership in project planning, cloud architecture, and full-stack development in an agile startup environment.)

Edison AI (edison-ai.com) – Founding Engineer

(October 2023 – January 2024)

- Integrated state-of-the-art **AI workflows** on AWS to support a dynamic data ingestion and processing platform, working in a fast-paced agile setting to prototype new features.
- Designed and deployed **containerized web applications** using **AngularJS** (front-end) and **Docker**, which enhanced product demonstrations and client engagement with the AI platform.
- Engineered API-agnostic tools and **RESTful services** to streamline operations and support emerging AI initiatives, ensuring flexibility and scalability for future development.

CodeMettle LLC (codemettle.com) – Software Engineer (Development & Test)

(June 2021 – February 2022)

- Executed mission-critical software deployments in a high-stakes Network Operations Center supporting advanced military communications, following **rigorous testing and quality checks** to ensure zero downtime in production.
- Developed and maintained Bash and Python scripts to automate network operations and swiftly **troubleshoot technical issues**, significantly reducing resolution time for support requests.
- Delivered exemplary on-site and remote support for end-users, quickly **resolving customer issues** to ensure superior system reliability. Collaborated across teams to diagnose problems and implement fixes, fostering seamless communication between development, QA, and operations.
*(Gained hands-on experience in **debugging**, on-call support, and iterative testing in an agile, high-pressure environment.)*

Document Storage Systems, Inc. (dssinc.com) – MUMPS & PSL Backend Engineer

(June 2017 – May 2021)

- Designed and implemented financial modules within the Encoder Product Suite for VA/VistA healthcare systems, streamlining claims processing and improving revenue cycle management for Veterans Affairs hospitals
- Leveraged **Profile Script Language (PSL)** to develop in-house tools for code reviews, debugging, and enhancing internal processes, ensuring code quality and performance improvements.

- Engineered core backend solutions in **MUMPS** (InterSystems Caché), augmented by components in C# .NET, JavaScript, and Delphi to ensure robust interoperability with other hospital systems.
- Incorporated HL7 messaging standards to facilitate seamless data exchange in the healthcare environment.
- Collaborated closely with clinical and IT teams in an agile development process to refine workflows, ensuring compliance with healthcare regulations and optimizing system performance and user experience.
- Troubleshoot and resolved complex defects in the production environment, working with support personnel to deploy fixes that enhanced system stability and customer satisfaction.

Pace Setters Logistics / AutoNation – Logistics Associate

(July 2014 – March 2017)

- Managed high-volume parts and logistics operations, maintaining efficient inventory control and timely deliveries in a **fast-paced environment**.
- Developed strong **organizational and customer service skills** by supporting operational demands while concurrently completing a college degree.

Education

Bachelor of Science in Computer Science, Kennesaw State University – Kennesaw, GA (2017)

- **Capstone Project – “Heat Beep”**: Engineered an IoT-based automotive safety device using sensor technology, Raspberry Pi, and cellular connectivity to prevent hot car incidents – demonstrating creative problem-solving and technical ingenuity.

Certifications

- **AWS Certified Solutions Architect – Associate**, earned August 2023
- **AWS Certified Cloud Practitioner**, earned April 2023
- AWS re/Start Program Graduate, April 2023