

Andy Parr

Andy.Parr@Quadratic-Digital.com

Quadratic Digital, Founder & CEO

Experience Summary

Mr. Parr has over 15 years of experience in product development, with a specialized focus on Medicare policy and claims processing systems. Mr. Parr has played a pivotal role in numerous federal healthcare initiatives within CMS, where he has demonstrated exceptional technical acumen and agile software development capabilities. His expertise includes modernizing CMS claims processing systems, including the integration of cloud applications with legacy systems, and leading teams to utilize tools such as JIRA and Confluence to enhance delivery processes and product value. Mr. Parr’s proficiency in Scaled Agile Framework, system analysis, and change management has been instrumental in revamping delivery processes and increasing team efficiency. He has successfully managed complex projects involving CMS systems such as FISS, MCS, VMS, CWF, FPS, MAP, and more, ensuring seamless integration and compliance with CMS objectives. Mr. Parr’s extensive experience designing and implementing automated functional and performance testing frameworks, as well as developing enterprise architecture solutions has enabled him to consistently deliver solutions that support the modernization and reliability of CMS claims processing systems.

Highlights
Medicare Claims Processing and System Modernization Expert • 15+ years in product development, specializing in Medicare policy and claims processing systems for federal healthcare initiatives • 10+ years hands-on mainframe operations experience, supporting and optimizing legacy CMS claims processing systems and federal healthcare initiatives • Led a key CMS Medicare Payment System Modernization Program, enhancing delivery processes and increasing team efficiency • Expert in integrating cloud applications with CMS legacy systems, ensuring seamless transition and compliance with CMS objectives • Proficient in Scaled Agile Framework and change management, driving successful agile software development and iterative delivery

Recent Experience

Quadratic Digital, Founder & CEO

Apr 2024 - Present

- Founded and lead Quadratic Digital, a digital services firm spanning federal health IT, commercial software delivery, and in-house product ventures — owning company strategy, growth, hiring, finance, and P&L
- Built the company from the ground up: stood up operations end-to-end (infrastructure, procurement, security/compliance, delivery process) and recruit and lead multidisciplinary teams across engineering, product, and analysis
- Lead a portfolio of client engagements as both executive and hands-on technical lead — AWS cloud architecture, DevSecOps, and full-stack delivery — spanning CMS/Medicaid claims modernization and commercial web and application builds
- Launched and operate in-house product lines, including Quadratic Financial (fintech) and Quadratic Studios (game studio), driving products from concept through build and release
- Serve as Medicare claims-pricing Subject Matter Expert on the flagship subcontract; advise client leadership on CMS’s modernization roadmap and the transition from legacy systems to real-time claims processing

Bellese Technologies, CMS, Product Manager

Oct 2023 - Sep 2025

- Managed the Pricing and Coding Services (PCS) team for the CMS Medicare Payment System Modernization (MPSM) Program, serving as a Medicare SME and driving process improvements

- Managed end-to-end integration and delivery of PCS application features with CMS legacy and modern claims processing systems, collaborating closely with CMS stakeholders and leadership
- With MPSM leadership, established Objectives and Key Results (OKRs) and Key Performance Indicators to establish meaningful targets and define specific measurement criteria, driving and evaluating success of Claims Modernization Initiatives
- Identify and assess technical approaches for large-scale, complex business processes and accompanying pain-points leveraging a human-centered, innovative approach
- Defined and managed MAC UAT process, production support, and software releases, ensuring compliance and using JIRA and Confluence for seamless planning, refinement, and coordination across multiple teams and systems
- Crafted and managed the product roadmap for Dental Pricing and Medicare Fee Schedule Modernization
- Analyzed and evaluated Service Level Agreements (SLAs) to ensure system capabilities adequately met demands of CMS claims processing needs on a multitude of levers
- Provided architectural insight and hands-on technical leadership, aligning agile delivery with CMS requirements and consistently delivering high-value product enhancements in a multi-tenant environment

Info-Matrix, Commonwealth of Pennsylvania, Senior Business Analyst

Jan 2023 – Oct 2023

- Led analysis of legacy systems and business processes to develop modernization roadmaps, supporting improved systems processing, system quality, and alignment with Commonwealth of Pennsylvania objectives
- Facilitated stakeholder interviews and gap analyses to identify requirements and opportunities for automation, consistency, and enhanced user experience in high-volume environments
- As direct report to the Chief Operating Officer, served as primary stakeholder liaison for projects at the Pennsylvania Department of State, Turnpike Commission, and Department of Justice

GDIT, CMS, Product Owner

Nov 2021 – Jan 2023

- Supported the CMS Premium Stabilization Program (PSP), contributing to implementation of CMS CCIIO RADV program requirements and product roadmap
- Gathered and prioritized product vision from stakeholders, and managed sprints while monitoring process against project timelines to deliver solutions that addressed Medicare business needs.

GDIT, CMS, Senior Systems Analyst

Sept 2016 – Aug 2021

- Supported the CMS Medicare Secondary Payer Systems Contract (MSPSC), providing subject matter expertise on Coordination of Benefits (COB), Benefit Recovery, and Recovery Management (ReMAS) processes in the Medicare environment.
- Served as the Testing Lead for the AWS Cloud Enterprise Migration Project, developing test plans, schedules, and executing testing to demonstrate benefits of modern cloud architecture and ensure a successful migration.

Hewlett-Packard Enterprise, CMS, Business Analyst

Jun 2013 – Oct 2015

- Supported the Fiscal Intermediary Standard System (FISS) for Medicare Part A Claims Processing, providing subject matter expertise on Institutional Claims Processing, Business Rules Management, and Medicare Administrative Contractor (MAC) Transitions.
- Possessed in-depth knowledge of all aspects of the CMS Original Medicare Change Request (CR) process from estimation to implementation and analyzed upcoming CRs for system impact.
- Provided Shared System Maintainer (SSM) support in transitioning MAC contracts from incumbent to new awardee, ensuring operational continuity of critical CMS business functions