

Julius Castillo Jr.

Technology Executive | Software Architect | Enterprise Systems Leader

Santa Clarita, California | U.S. Citizen

Executive Profile

Technology executive and software architect with 30+ years of software engineering experience and 15+ years of technology leadership across healthcare, banking, manufacturing, telecommunications, e-commerce, biotechnology, and enterprise business systems. Combines executive leadership with hands-on expertise in software development, enterprise architecture, systems administration, data center operations, virtualization, networking, cybersecurity, cloud services, and AI-assisted software development.

Known for leading software engineering teams, enterprise implementations, infrastructure initiatives, systems integration projects, and practical technology strategy while retaining the ability to design, build, deploy, troubleshoot, secure, and operate working systems.

Executive Career Highlights

- 30+ years software engineering experience; 15+ years technology leadership experience.
- 40+ personnel led across engineering, implementation, and enterprise platform initiatives.
- Built and operated IT environments involving Linux/Windows servers, virtualization, DNS, DHCP, domains, SSL/TLS, firewalls, VPNs, databases, web servers, email systems, and backup/recovery.
- Delivered enterprise platforms across healthcare, banking, construction lending, manufacturing, home health, hospital systems, e-commerce, and SaaS.
- Founder and Principal Architect of AiA Systems, focused on AI-assisted software development and verification-first engineering workflows.

Core Competencies

Technology Strategy | Enterprise Architecture | Software Engineering Leadership | IT Operations | Infrastructure Engineering | Program Management | Project Management | Systems Integration | Application Modernization | Vendor Coordination | Budget Planning | Cost Optimization | Risk Management | Agile / Scrum / Kanban / Waterfall | QA / UAT | Cloud & Self-Hosted Infrastructure | Healthcare IT | Banking Systems | Manufacturing Systems | AI-Assisted Software Development

Professional Experience

BronzeChrome Consulting, LLC / AiA Systems | Santa Clarita, CA

Founder, Principal Software Architect & Lead Software Engineer | May 2025 – Present

- Founded and architected AiA Systems as a platform initiative for AI-assisted software development, verification-first engineering workflows, enterprise software architecture, and full-context software delivery support.
- Designed and developed AiASystems.org and TestSim.org as browser-based/PWA-style platforms under the AiA Systems ecosystem.
- Built and operated supporting technical environments from the ground up, including Linux server administration, virtualization, DNS, Nginx, SSL/TLS certificates through Let's Encrypt, databases, application deployment, and self-hosted infrastructure.
- Applied AI-assisted development while retaining direct responsibility for architecture decisions, code review, debugging, deployment, infrastructure configuration, and verification of working systems.

Meissner Corporation | Camarillo, CA

IT Project Manager | January 2022 – April 2025

- Supported enterprise implementation and rollout activities for Microsoft Dynamics 365 Finance & Operations, coordinating requirements, process alignment, system readiness, issue tracking, and stakeholder communication.
- Participated in initiatives involving MVP, a homegrown manufacturing execution system, supporting manufacturing workflows, operational visibility, and business process execution.
- Supported WorldLink shipping integration and business-system connectivity for shipping, logistics, and operational workflows.
- Coordinated cross-functional stakeholders across IT, manufacturing, finance, supply chain, quality, compliance, and business operations.

Solutions Plus, LLC | Glen Ellyn, IL

Software Development & Program Manager | August 2018 – December 2021

- Led delivery of a Home Health Management SaaS/PWA platform covering care planning, OASIS, plan of care, billing and claims, Medicare/Medicaid/commercial insurance workflows, scheduling, work tracking, accounting, reimbursement, reporting, internal communications, staffing, assignments, and provider management.
- Managed software engineering teams, vendors, integrations, client expectations, delivery priorities, deadlines, budgets, personnel needs, and project execution.
- Applied hybrid Agile, Scrum, Kanban, SDLC, and Waterfall practices to match stakeholder needs, team capacity, project complexity, and business realities.
- Managed globally distributed teams and contributors across multiple countries, time zones, skill sets, and working conditions.

HIS-D3 | Tagbilaran, Philippines / Remote

Senior Software Engineering Manager | September 2016 – October 2019

- Led software engineering and systems architecture for a comprehensive Hospital Information System covering Emergency Room, Operating Room, Pharmacy, Laboratory, Radiology, Admissions, Billing, Nursing, ICU/NICU, Outpatient, OB-GYN, HR, Payroll, Accounting, Purchasing, and Asset Management.
- Managed 40+ personnel across software engineering, technical coordination, hospital department alignment, and implementation support.
- Directed systems analysis, requirements definition, workflow modeling, architecture decisions, module planning, development coordination, testing, and implementation.
- Supported integration planning for hospital equipment and departmental systems, including imaging, laboratory, radiology, and clinical-system connectivity using HL7 and related integration methods.

Earlier Technology Leadership & Engineering Experience

- GRAYSTEM CORP. — Information Technology Operations Manager | Led IT operations and H2MS2 Home Health Management System platform marketed to 250+ agencies.
- Metrand Corp. — Software Development Manager | Managed distributed engineering teams and healthcare software initiatives involving hospital and home health platforms.
- Data Select Systems, Inc. — Systems Administrator & DevOps Software Engineer; Software Engineer / Systems Analyst | Supported CLCS construction lending automation for banks and financial institutions; managed mixed Linux/Windows data center systems, website hosting, email systems, automation scripts, CICS/COBOL, JCL, z/VSE, z/OS, IBM WebSphere, migrations, and integrations.
- F.A.S.T., Inc. — Programmer / Analyst | Supported CICS/COBOL, JD Edwards ERP, client-site implementation, and technical recruiting.
- Rizal Commercial Banking Corporation — Programmer / Systems Analyst | Developed and supported mission-critical banking systems including credit card, auto loan, time deposit, investment banking, teller, and foreign currency deposit workflows.

Selected Platforms & Technical Environment

Healthcare Platforms: Home Health Management SaaS, Hospital Information Systems, EMR workflows, OASIS, plan of care, billing, claims, provider management, pharmacy, laboratory, radiology, admissions, nursing workflows, HL7, APIs, reporting, and implementation support.

Enterprise / Manufacturing / Financial Systems: Microsoft Dynamics 365 F&O, MES-related workflows, WorldLink, construction lending automation, core banking, credit cards, auto loans, time deposits, teller systems, foreign currency deposits, ERP, CRM, system migrations, file parsing, reporting, and financial integrations.

Technical Stack: Linux, Windows Server, virtualization, DNS, DHCP, domains, SSL/TLS, Let's Encrypt, VPNs, pfSense, firewalls, backups, email systems, Nginx, Apache, IIS, Postfix, Dovecot, Rspamd, VirtualBox, VMware, PostgreSQL, MySQL, SQL Server, Python, PHP, JavaScript, HTML, CSS, XML, JSON, RESTful APIs, CICS/COBOL, JCL, z/VSE, z/OS, MVS, IBM WebSphere, JD Edwards ERP, Git, TFS, Jira, Trello, ClickUp, Microsoft Project, Microsoft 365, and Google Workspace.

Education

- University of San Jose-Recoletos | Bachelor of Science in Computer Science | 1994
- Xavier University | Bachelor of Science in Agricultural Engineering | 1990
- Divine Word College | Bachelor of Science in Nursing Coursework | 1990–1992

Professional Certifications & Training

- Certified Scrum Professional (CSP)
- Certified Advanced Scrum Master (A-CSM)
- Certified Scrum Master (CSM)
- Mainframe z/VSE and CICS/COBOL training through IBM Hong Kong; CICS/COBOL training through BPI Information Systems; dBase/FoxBase programming training through JEV Computer Training System.