Rob Cosgrove

Software Design & Business Systems Analysis

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PROFILE

Software designer and technical project leader with more than 40 years of experience in business systems. Designed commercial software, translated business needs into requirements and technical plans, assigned and supervised programmers and contractors, and directed delivery through release and operational support.

Seeking fully remote technical project management, software implementation leadership, business systems analysis and solution design positions. Open to W-2, 1099, contract-to-hire, and permanent opportunities; occasional travel is acceptable.

LEADERSHIP & DELIVERY

Software requirements and architecture; business process analysis; prioritization and work assignment; programmer and contractor supervision; development coordination; implementation planning; testing and release oversight; client communication; operational support.

PROFESSIONAL EXPERIENCE

Founder, Software Designer & Development Leader | Remote Backup Systems | 1985-2022

Founded and operated a commercial software business for 37 years. Designed its distributed client/server software and surrounding operational systems; directed product development, programmer and contractor work, support, releases and customer priorities.

Independent Software Design & AI-Assisted Application Work | 2026-Present

Designs data-driven business workflows and application structures and uses AI-assisted tools to develop prototypes and applications. Focuses on requirements, architecture, coordinating implementation and evaluating delivered functionality.

Earlier software and automation work | 1976-1985

Developed business software and industrial automation systems, including IBM PC/PLC integrations, test systems, ticketing and transportation-related applications.

TECHNOLOGY CONTEXT

Relational data and SQL; Pascal and xBase/Clipper experience; client/server architecture; database design; integrations; current AI-assisted application work using Python/FastAPI, React, PostgreSQL, REST services and LLM tools.

Modern languages and frameworks are tools used in assisted delivery, not a claim of independent unaided coding proficiency.

ADDITIONAL EXPERIENCE

Taught database programming at Memphis State University. Projects have included commercial service-provider systems, Graceland ticketing and trucking business software.