

STEPHEN ZARZECKI, P.E.

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RESUME

Summary

Experienced Electronic Design Engineer and Project Manager, proven capable of working as a member or leader of a product development team or department. Primary areas of interest include management, systems, and firmware development. Career Interest: to work in a "hands-on", rewarding, fast-paced, and dynamic environment, participating in new product development from concept through production. Advanced skills and experience include Intel, MicroChip, Motorola, Zilog, Xilinx, OrCAD, Microsoft Project, Word, and Excel.

Experience

2001-

Senior Hardware Design Engineer - Raymarine, Inc.
1800 NW 49 St., Suite 130, Ft. Lauderdale, FL 33309

Raymarine, formerly Raytheon, is an industry leader in marine electronics for the recreational boating market. Duties included all aspects of new product development from concept through product retirement. Emphasis on power supply design, compliance and performance testing, project management, and customer service liaison. Teams included HSB2 enhancement project, High Brightness project, DSM250, DSM300, Low cost sonar project, RC400, RC435, and A65 projects.

2000-2001

Senior Project Engineer - Niles Audio Corporation
12331 SW 130 Street, Miami, Florida, 33186

Niles Audio Corporation is the industry leader in the Home Entertainment Control Systems Market. Duties included Project Leader for the Multi-Zone, Multi-Source Control System Project, Project Leader for Handheld IR Remote Project, Authorship of 2001 Annual Engineering Budget, and Engineering Liaison with manufacturing partners and out-sourced engineering and software developers. Participated in development of Document Control procedures and departmental Standard Operating Procedures.

1986-1999

Principal Engineer - Data Net Corporation
10112 USA Today Way, Miramar, Florida, 33025

Data Net manufactured factory data collection terminals, systems, and software. Duties included primary engineering responsibility for 80C88 and 386EX based terminal family, PC-AT and PS/2 based communications adapters, C and assembly language software and firmware development and maintenance including primary authorship of a flash memory based BIOS, regulatory compliance (UL, CE, FCC), and personnel supervision. Designed and released over 50 PCB assemblies used in over 30 Data Net products. Also served as Engineering Manager at Data Net.

1982-1986

Group Leader - Centuri, Inc.
245 West 74 Place, Hialeah, Florida, 33014

Centuri manufactured arcade video games. Responsibilities included project scheduling, personnel supervision, and both conceptual and detailed electronic design of game platforms. Specific projects included a 68000 based color X-Y (stroke) display system, a Z-80 based medium resolution raster display system, and speech and sound development systems.

1980-1982

Senior Engineer - Racal-Milgo Inc.
8600 N.W. 41 Street, Miami, Florida, 33166

Racal-Milgo manufactures medium and high speed modems, multiplexers, and data encryption devices. Duties included primary hardware design responsibility for the DATACRYPTOR II data encryption device, a 6801 based implementation of the NBS Data Encryption Standard, conceptual and preliminary design of wideband modems and multiplexers, and personnel supervision.

1978-1980

Design Engineer, Project Engineer - Wackenhut Electronic Systems, Inc.
1742 N.W. 69 Avenue, Miami, Florida, 33126

Wackenhut Electronic Systems was a manufacturer of security and access control systems. Early responsibilities as a project engineer included customer interface, site evaluation, technical and procedural manuals, and system installation. Later, as a design engineer, duties included design of 6802 based access control and energy management systems, and personnel supervision.

1972-1978

Electronic/Biomedical Engineer - Mount Sinai Medical Center
4300 Alton Road, Miami Beach, Florida, 33140

The Pulmonary Laboratory at Mount Sinai performed basic research under both federal and private grants. Duties included design and fabrication of special purpose instrumentation and systems, software design using FORTRAN and assembly language, interpretation and presentation of research and clinical data, and supervision of personnel. These duties provided experience on several mini-computers.

Education

1969-1971

MSEE, Research Assistant
University of Miami
Coral Gables, Florida

1965-1969

BSEE
University of Florida
Gainesville, Florida