

Master Career Archive

John Tyson Trayer

This archive is intended to become the authoritative record of your professional career. It consolidates information found across multiple resume versions and preserves details that would normally be omitted from a job-targeted resume. Information below is derived from JOHN T TRAYER_8_24_16.docx, and JohnTrayer.doc.

Professional Summary

Senior Software Developer, Systems Architect, Technical Project Manager, Systems Engineer, and Information Technology executive with a career spanning banking, financial services, transportation logistics, telecommunications, healthcare, criminal justice, software consulting, government, voting systems certification, web development, and enterprise application development. Experience includes software engineering, project leadership, architecture, business analysis, quality assurance, source code review, customer support management, implementation, training, and operations.

Career Timeline

1974-1976

Financial Data Systems, Inc.

Lead Computer Operator

- Operated Burroughs 3700 systems.
 - Supported payroll, accounting, and custom business applications.
 - Assisted in customer conversions and training activities.
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1976-1978

Mid-Continent Computer Services

Lead Computer Operator

- Supervised computer operations for one of the largest Savings and Loan networks in the western United States.
 - Supported Burroughs B4800/B6700 systems serving teller and ATM operations.
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1978-1980

MICOR

Senior Computer Operator

- Supported a 24-hour reservation and accounting network.
 - Worked within one of the world's largest computerized lodging reservation systems supporting Ramada and Best Western properties.
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1980-1981

Columbia Savings and Loan Association

Systems and Applications Programmer

- Developed automated loan document preparation solutions.
 - Supported residential lending production, servicing, and collections systems.
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1981-1983

World Savings and Loan

Systems Development Manager

- Managed development activities supporting banking operations, loan production, and marketing systems.

1983-1990

Bank Western

Vice President, Manager of Loan Systems

- Directed loan systems operations for one of Colorado's major financial institutions.
 - Managed systems analysts supporting consumer, residential, construction, commercial lending, servicing, and collections.
 - Oversaw software development and systems enhancement initiatives.
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1985-1991

Formation Technologies, Inc.

Consultant / Technical Sales Support / Software Developer

- Participated in development and enhancement of the MortgageCalc software product.
 - Supported customer service operations, technical support, and software development efforts.
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1990-1997

Industrial Computer Systems, Inc.

Manager of Technical and Customer Support

Additional roles:

- Manager of Programming
- Quality Assurance Manager
- Customer Support Manager
- Technical Support Manager
- Software Programmer

Major accomplishments:

- Managed and won multiple large custom software projects.
 - Supported major transportation organizations including Yellow Freight, Overnite Transportation and Wal-Mart distribution operations.
 - Participated in development of one of the first computer-aided dispatch systems for the less-than-truckload freight industry.
 - Led transportation logistics software and dispatch systems initiatives.
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1995-1997

City of Idaho Springs

Information Technology Consultant

Concurrent assignment while employed at ICS.

Responsibilities included:

- Technical support
 - System maintenance
 - Software upgrades
 - File conversions
 - System testing
 - Municipal IT consulting services
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1997-1998

Computer Associates

Systems Engineer / Software Developer

Major accomplishment:

- Participated in integration of the Colorado District Attorneys case management systems with the statewide Colorado Integrated Criminal Justice Information System (CICJIS).
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1998-2002

Systems Engineering Services Corporation

Senior Systems Engineer

Projects included:

Colorado District Attorneys Council

- Developed integration and interface technologies for CICJIS.
- Developed COBOL and Sybase solutions supporting criminal justice systems.

Colorado Student Loan Program

- Designed automated student loan processing systems.

CITI Corporation

- Enhanced Visa International Interchange Tracking Systems.

Major significance:

- Helped build components within Colorado's pioneering statewide criminal justice integration effort.
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2002-Present

IUSAT.COM

Founder, Owner, Senior Technology Consultant

- Founded independent technology consulting practice.
 - Developed websites, web applications, custom software, office automation solutions, and network environments.
 - Provided Microsoft .NET, SQL Server, PHP/MySQL, Office integration, consulting, training, systems support, and publishing services.
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2007-2008

SLI Global Solutions / Systest Labs

Source Code Reviewer and System Test Specialist

Responsibilities:

- Federal voting systems certification testing.
- Static source code analysis.
- Security review.
- Voting system verification and validation.
- Regulatory compliance testing.

Tools included Fortify, Parasoft and Insure++.

2011-2014

AT&T

Senior Technical Project Manager / Onboarding Manager

- Supported AT&T Common Services Architecture initiatives.
 - Coordinated infrastructure readiness and application deployment.
 - Managed more than 75 enterprise projects.
 - Worked with architecture, networking, security, testing, and application teams across the enterprise.
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2014-2015

2TurnItOn.com

Senior Software Developer

Accomplishments:

- Developed automated commercial energy credit decision workflows.
- Integrated Experian and Dunn & Bradstreet services.
- Modernized legacy application modules from classic ASP to .NET.

2015

Children's Mercy Hospital

Senior Software Developer

Project:

GOLDILOKs®

- Built clinical dosing calculation engine supporting bone marrow transplant therapies.
 - Converted pharmacokinetic proof-of-concept algorithms into production C#/.NET software.
 - Contributed to drug-dose optimization technology supporting patient treatment decisions.
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2015-2016

MakeMusic.com

Senior Software Developer

- Enhanced GradeBook solutions.
 - Added subscription processing capabilities.
 - Assisted with deployment automation using IIS and Web Deploy technologies.
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2016

KPMG

Senior Software Developer

- Enhanced Business Traveler software (BTv4).
 - Built automated notification capability.
 - Designed analytical reporting functionality using SQL and MVC technologies.
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2017-2019

AT&T

Senior Technical Project Manager

- Led mission-critical project deployments.
 - Supported customer-facing application ecosystems.
 - Worked across dozens of enterprise project teams simultaneously.
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2019-2020

Falkon Technologies

Senior Software Developer

- Modernized legacy ASP systems.
 - Developed cloud and web solutions.
 - Delivered enhancements using Azure, .NET Framework, and .NET Core technologies.
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2020

Bank of America

Senior System Architect

Project:

ConnectTech

- Helped design and build employee technology support solutions.
 - Supported large-scale employee self-service technology initiatives during COVID-era remote work.
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2021-2022

CDK Global

Software Developer

- Extended Elead CRM capabilities.
 - Developed Heavy Equipment business functionality.
 - Assisted rollout to multiple dealerships.
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2022-2023

Econic Network

Software Developer

- Developed and enhanced three web applications.
 - Implemented responsive design features and application improvements.
 - Utilized React, Next.js, Node.js, .NET Core, GraphQL, Azure SQL and Azure services.
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2023-Present

State of Ohio Department of Rehabilitation and Correction

Software Developer

Projects include:

- Educational services platform.
- Religious and recreation participation module.
- ViaPath apprenticeship attendance platform.

Technology stack includes:

- .NET Core
- C#
- Razor Pages
- SQL Server
- Azure DevOps
- Git

- Swagger
 - JavaScript
 - Bootstrap
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Education

Arapahoe Community College

- Associate studies in Computer Science and Music
- 1974-1976

University of Denver

- Bachelor of Science in Computer Science
- Minor in Music
- Graduated 1979/1980 (date will need final verification)

National Radio Institute

- Microcomputer Technology Certification
 - McGraw-Hill Continuing Education Program
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Signature Projects

1. Colorado Integrated Criminal Justice Information System (CICJIS)
2. GOLDILOKS® Clinical Dosing System
3. AT&T Common Services Architecture Deployments
4. KPMG Business Traveler Platform
5. Elead CRM Heavy Equipment Platform
6. Bank of America ConnectTech Platform
7. Transportation Logistics and Computer Aided Dispatch Systems for major freight carriers