

MATTHEW H FAULKNER

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Objective

Enable enterprise growth by aligning business goals and work effort with software engineering, information technology and professional growth for myself and team-mates.

Professional Experience

University California Merced - Merced, CA - Oct 2014 - Present

Public Research and Academic University – Enterprise Systems Architect

Align campus/UC goals and IT infrastructure that supports the business and helps achieve student success goals. Expanded adoption of service-oriented architecture (SOA) and API design for application development to achieve cost savings, improved software/service quality and reusability. Manage SSO, IDM and access management services for campus. Develop and provide operational support for multiple custom web applications/integrations for campus stakeholders. Provide project management for administrative, research and academic initiatives. Implemented enterprise-wide business process automation and document management system to reduce labor and gain operational efficiency.

Leveraging: UML, TOGAF, ITIL, Agile and XP Development Methodologies; Go, MuleSoft, Angular, Java, HTML5, CSS3; Apache, Tomcat, ActiveMQ; Git; OnBase, MS-SSRS, MS-SQL, Oracle; Linux, Windows, macOS, iOS, Android

Sierra Tel - Oakhurst, CA - May 1991 - Oct 2014

Telecommunications Provider – Information Systems Manager

Designed and developed operational support system including customer management, subscriber billing, service and facilities management sub-systems, system integration and support of network and enterprise operations. Developed information security and software development standards, policies and procedures. Researched and implemented software engineering tools and techniques. Developed numerous strategic projects important to the critical operations of various company affiliates and departments. Provide leadership and mentoring to diverse group of developers, software testers, network technicians and business analysts.

Leveraging: UML, Subversion, Agile and XP Development Methodologies; Groovy, Grails, Java, HTML5, CSS3, LaTeX, Markdown; Apache, Tomcat; Oracle, Sybase, PostgreSQL, MySQL, CouchDB; Solaris, Linux, Windows, macOS

FD Software - Los Angeles, CA - Dec 1996 - June 1997

Financial Software Services – Software Contractor and Consultant

Developed payroll auditing and scheduling system to insure regulatory compliance. Improved strategic planning by augmenting sales commission reporting system to allow running various “what if” scenarios. Provided implementation and customization of complex pension and health plan applications for entertainment industry clients.

Leveraging: Speedware 4GL, COBOL; MPEiX

JET Software - Oakhurst, CA – Sept 1987 - May 1991

Telecom Software – Programmer/Analyst and Database Administrator

Customized and integrated financial/payroll systems into customer and carrier billing systems. Designed, developed and implemented telecom toll rating and processing system. Developed and coordinated customer support center. Provided extensive on-site support and conversion services. Initiated and implemented a user report writer solution for various Accounting and Marketing departments, empowering production line feedback.

Leveraging: C, COBOL, RPG II; HP 3000 MPEXL; Turbo Image

CDS - Des Moines, IA – Sept 1984 - April 1985

Subsidiary of Hearst Corp, Magazine Fulfillment - JCL Technician/Programmer

Performed specialized file and list maintenance. Successfully initiated, developed and implemented report programs utilized by non-programming staff. Improved quality of ETL for large databases and sharpened filtering of demographic datasets for national and international mailing campaigns.

Leveraging: IBM 370; OS/VS; JCL, Dylakor

Education

CSU Fresno, Bachelor of Science - May 1987

Major: Business Administration - Computer Applications

Talks

Software Assurance and Security: Oakhurst CA, June 2008

Social Engineering: Oakhurst CA, 2002

Electronic Billing Solutions: San Francisco, 1999 and New Orleans, 2000

Committees

UC Information Technology Architecture Committee: Co-Chair, 2018 and Chair, 2019

Awards

OPASTCO: Indy Award for Best Independent Telco Website, 2012