

David Park Omer

Long Beach, CA • david_1428@outlook.com • +1 562-377-6699

Professional Summary

Senior software and platform engineer with 15+ years of experience designing and building scalable, multi-tenant SaaS and enterprise integration systems. Strong background in backend-focused full stack development using C#/.NET, RESTful APIs, and event-driven architectures across distributed systems.

I specialize in designing reusable platform components, high-performance data pipelines, and reliable integration layers that support complex, multi-customer environments. I have hands-on experience with relational databases, cloud platforms, and messaging systems, along with practical use of AI-assisted and GenAI workflows to improve development efficiency and system automation.

Known for strong architectural thinking, rapid problem diagnosis, and building systems that scale cleanly while remaining maintainable.

Experience

Independent Technical Projects & Platform Engineering

04/2024 – current

- Designed and implemented .NET applications, APIs, integration components, automation workflows, and relational data solutions using cloud-ready architectural patterns.
- Built repeatable development and runtime environments using Docker, cloud platforms, and documented deployment practices.
- Developed reporting and data-processing workflows and applied A.I.-assisted automation to u manual overhead.
- Designed, built, and maintain the public Et al Solutions technology platform (<https://etal.solutions>), demonstrating modern web architecture, API integration, automated deployment, and technical content delivery.

Project Consulting Services, Inc. (via TEKsystems) — Senior Consultant

08/2015 – 04/2024

- Built and supported middleware systems integrating multiple enterprise platforms using SQL-based data pipelines and messaging patterns.
- Reduced data processing latency from batch (24+ hours) to near real-time using event-driven and optimized data flow designs.
- Designed and implemented RESTful integration layers and backend services supporting distributed systems.
- Established SQL performance standards and tuning practices across large-scale relational systems (Azure SQL, SQL Server).
- Partnered with engineering teams to troubleshoot production systems and improve scalability, reliability, and performance.

- Contributed to architecture discussions around distributed processing, system interoperability, and service-based design.

Planned Career Sabbatical & Independent Technical Projects

03/2014 – 08/2015

- Took an intentional career break while continuing hands-on technical work and professional development.
- Built .NET/MVC and browser-based applications using HTML5, CSS3, JavaScript, and SQL-backed application architecture.
- Developed responsive user interfaces, database-driven workflows, reporting views, and analytics outputs.
- Explored legacy-modernization approaches using web applications, relational databases, APIs, and integration patterns.

Steton Technology Group — Lead Architect

01/2004 – 03/2014

- Led architecture and development of a multi-tenant SaaS QA auditing platform supporting thousands of users.
- Designed scalable data models and backend systems to support concurrent, high-volume workloads.
- Built reusable reporting and analytics layers to support multiple customers without impacting transactional performance.
- Implemented cloud-based infrastructure (Azure, AWS) to improve system scalability and availability.
- Established architectural patterns for performance, extensibility, and maintainability across the platform.

SeeBeyond — Senior Consultant

10/2002 – 12/2003

- Delivered enterprise integration solutions using Java and middleware platforms across healthcare, government, and commercial systems.
- Built 400+ system interfaces enabling data exchange across distributed applications using messaging and service-based architectures.
- Implemented secure, standards-based integrations (HL7) in regulated environments.

Computer Sciences Corporation — Senior Consultant

10/2001 – 10/2002

- Designed and implemented enterprise integration components supporting SAP-based systems.
- Contributed to large-scale integration architecture for NASA's IFMP program.

Fluor Corporation — EAI Team Lead

01/1999 – 10/2001

- Led enterprise integration initiatives for legacy-to-SAP migrations using message-based architectures.
- Evaluated and implemented messaging platforms including IBM MQSeries.

PM Realty Group — MIS Manager

01/1996 – 01/1999

- Managed enterprise IT systems and developed SQL-based business applications supporting financial operations.

Access Development Corp — System Administrator / Programmer

05/1986 – 01/1996

- Developed internal business systems and migrated legacy applications to SQL-based client/server architectures.

Education

Brigham Young University — Computer Science

1985 – 1986

Skills

Platform & Architecture

- SaaS architecture, multi-tenancy design, distributed systems
- Microservices, event-driven architecture, service-oriented architecture
- Reusable component design and platform-oriented development

Backend & APIs

- C#, .NET Core / Web API (Linux-compatible)
- RESTful APIs, asynchronous processing patterns
- Messaging systems (RabbitMQ, Kafka, Azure Service Bus, MSMQ, MQSeries)

Frontend

- React, TypeScript, Redux Toolkit
- SPA architecture and modern web application patterns

Data & Persistence

- SQL Server, Azure SQL, PostgreSQL, Oracle
- Data modeling, query optimization, indexing strategies
- High-performance data access and reliability patterns

Cloud & DevOps

- Azure, AWS, GCP
- Docker, Kubernetes, CI/CD pipelines
- Git (GitHub, Bitbucket)

Software Engineering Practices

- SOLID principles, DI/IoC, MVC
- ORM (Entity Framework Core), repository patterns
- Unit testing (backend and frontend)

AI & Automation

- Practical use of GenAI tools in development workflows
- Automation of data processing and operational tasks

