Patrick El-Azem

About Me

Experienced, personable hands-on technologist focused on rapid, pragmatic, iterative delivery. Multi-certified **Azure** expert.

Cloud Architecture, Applied AI and Analytics, Data Engineering, DevOps/Automation, Software Development and Cybersecurity.

Skilled technical consultant, presenter, and seller. I listen, learn, create clarity, and help to deliver success.

Objective

Technical lead/delivery role in product/platform engineering and program management, technical sales, consulting. Hybrid or Remote.

Domains: cloud, architecture, data/applied AI, development/DevOps, integration/automation.

Experience

Data Analytics Strategy Lead

Google | 5/2024-present

Strategy lead for enterprise Google Cloud customer adoption and success on the Google Cloud Data Analytics platform, including migration, governance, and data estate readiness for AI deployment.

Technical Program Manager, Cloud Cybersecurity

Microsoft | 10/2022-7/2023 and 12/2023-5/2024 | Consultant

Cybersecurity platform and control design and internal org-wide deployment. Created architectures, documentation and remediation artifacts. Escalated with engineering groups, trained technical teams, and led advanced technical work.

Cloud Architect + DevOps Lead

SES Satellites | 5/2022-12/2023 | Consultant

Azure architecture, DevOps engineering, infrastructure automation and cybersecurity compliance for cloud-native greenfield revenue and yield management platforms.

Global Cloud Solution Architect | Customer Success

Microsoft | 11/2015-12/2021

Technical lead for enterprise Azure client mission-critical projects. Led solution architecture, technical delivery and represented clients to product engineering groups. Led solution development, technical training, hackathons, and executive briefings.

Cloud Solution Architect in Global, National, Regional and Financial Services Industry roles. Member of Azure Mission-Critical team that created reference architectures and deploy-ready deliverables published to Microsoft Learn. Selected for Senior Technical Leadership Program and Quest Engineering Rotation.

Notable successes included retail store floor map flow and dwell analysis using store video and Azure Cognitive Services, which led to significant Azure commitment; high-volume financial document analytics; infosec-driven compute refresh automation in highly complex financial industry context; multiple competitive cloud wins; more.

Program Manager with Azure Cosmos DB engineering group. Delivered deploy-ready sample applications and contributed to product documentation and code libraries.

Contact

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- Blog: plzm.blog

Skills

- Cloud Architecture + Design
- Development, DevOps, Scripting
- Applied AI + Analytics
- Data Modeling and Engineering
- Infrastructure, Automation, Integration

- Technical Sales, Consulting, Presenting
- Team Leadership + Training
- Program + Project Management

- Azure, AI Cognitive Services, Synapse, Cosmos DB, Azure SQL, App Services/Functions, Azure Kubernetes, Azure DevOps, .NET/C#, Git, GitHub, GitHub Actions, Python, SQL, Powershell, Bash, CLI, many more

Education

B.Sc., Engineering & Applied Science
California Institute of Technology, 1994

International Baccalaureate (IB)
Bonn American HS, Germany, 1988

International

Native German. Fluent French.
International residency experience.

Director of Technology, Lead Developer
4D Technologies CADLearning | 6/2012-11/2015
Led zero-downtime migration of customer platforms to AWS. Modernized digital content creation platforms, analytics and reporting, and built partner integration APIs.

Built technology team and roadmap. Created operations and support capabilities resulting in ongoing customer satisfaction ratings > 99% and systems uptime > 99.9%.

Principal Consultant
Net Gain Solutions | 2006-2014
Technical project engagements including client/API .NET/C# development, DevOps, data engineering and design, BI and analytics, off-the-shelf system implementations.

Clients included Fidelity Investments, Horizon Beverage Company, C&J Bus Lines, Borealis Ventures, Nexamp, American Health Centers, Liberty International, Override, Middle East Bakery.

Lead Developer
Global Relief Technologies | 2007-2009
Led development team that delivered supply chain performance management applications for US DoD force protection systems deployed in combat theaters.

Director of Operations
Message Secure Corporation | 2005
Created IT Operations and Compliance teams at financial-industry technology provider. Led successful response to federal (FDIC, FFIEC) examinations. Initiated COBIT IT control framework implementation for SAS 70 certification process.

Lead Developer, Director of Technology
Trade Wings | 2000-2005
Built web-based supply chain and procurement platform. Co-created supply chain optimization algorithms which yielded double-digit % cost savings for manufacturing customers. Team member for successful ISO 9001:2000 certification.

Senior Developer, Development Manager
Furniture.com | 1998-2000
Built leading B2C e-commerce site. Staffed and led web development team.

Developer
Deloitte & Touche / DRT Systems | 1998
Member of development team that built Liberty Mutual Insurance's first Java and web insurance claims processing platform.

Consultant Developer
David Bowie | 1998
Built pop star's first B2C web site, bowieart.com, whose success validated later Bowie online investments. Implemented online purchasing and payment processing.

Systems Administrator
Neurotec / Artificial Life | 1996-1998
Managed organization and client infrastructure, operations, and web sites.

Environmental Engineer
TRC Environmental | 1995-1996
Performed Clean Air Act plant audits, permitting, plume impact analysis, and compliance for clients including General Motors. Built first company web site.