Samuel Rauch

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Experienced Solutions Architect | IT Director | Certified Blockchain Professional

Technologist with 20+ years of professional IT experience delivering technical solutions with a unique ability to bridge the technical and non-technical audience. Principles-focused and skilled at creating impactful outcomes and sustaining thought leadership and industry trend knowledge.
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PROFESSIONAL EXPERIENCE

Enterprise Architect – Digital Transformation | Florida Blue – Blue Cross Blue Shield | February 2020-Present
- Guide the design and architecture direction of enterprise solutions ensuring reliability, sustainability, interoperability, governance, and efficiency.
- Collaborate with domain application architects and product owners on the Architecture Overview Document creation process, applying the Enterprise Architecture principles through to leadership Review Board presentation and approval.
- Create and present artifacts essential to assessing, describing, and clearly communicating processes and required technology components to achieve defined business objectives, such as Business Case Technology Assessments, and Leadership Technology Advisory Group presentations.
- Guide the creation and approve Software Development Life Cycle Architecture Overview Documents.
- Collaborate with domain development teams driving the continued adherence of technology standards and processes for implementations of enterprise APIs, data collection, synthesis and storage facilities, computing facilities, analytics facilities, workflows orchestration, internal and third-party integrations, and information security.
- Enterprise Architecture lead for digital transformation initiatives including Conversational AI, Virtual Assistants, Visual Interactive Voice Response, member digital personalization and member digital engagement orchestration.
- Enterprise Architecture lead for the Conversational AI Center of Excellence, collaborating with technical and business leads on the creation of applicable knowledge, standards, best practices, and associated key artifacts.
- Communicate thoroughly with business stakeholders ensuring alignment of technology/information solutions with intended business outcomes.
- Collaborate with team members on applicable projects and contribute to problem solving.
- Research, evaluate and promote relevant technological innovations to leadership.

Owner | SSR Technologies, LLC | 2017-Present
- Brought *Pivot.City Blockchain Network* to market: consisting of a multi-organization, channel, and node Hyperledger Fabric blockchain network and secure communications platform. Responsible for all aspects of delivering the client's product roadmap and vision. (https://pivot.city)
- Delivered and supporting RESTful API-based solutions for several clients in the healthcare industry.
- Implementing and supporting multiple data consolidation and process automation projects for multiple clients.

Director of Development and Blockchain Solutions | SharedLABS, Inc./RiseIT Solutions | January 2018-February 2020
- Directed all operational aspects of several offshore software application development teams on multiple, diverse projects. Responsible for clear, effective, and timely internal and external communications, including creating statements of work, proposals, project plans, budgets, resources, staff, and schedules.
- Lead Architect for an Ethereum-based protocol providing chain of provenance and event-driven functionality for digitized assets via a smart contract.

Director of Operations and Technology | Option Research and Technology Services, LLC | 2002-2017
- Co-Founded and directed all technological and operational aspects of the production and distribution of proprietary trading research data and metrics, while ensuring business continuity in a dynamic live market environment for clients including The Chicago Board Options Exchange, NASDAQ, Wells Fargo, TD Bank, and Interactive Brokers.
- Designed the organization's primary data model.

PREVIOUS WORK HISTORY: Chicago Board Options Exchange Market Maker/Technology Manager | Changes, LLC, 1999-2002

EDUCATION, CERTIFICATIONS & AFFILIATIONS

Advisory Board Member - Developer Relations, Blockchain Institute of Technology
Founder, *Blockchain Professionals and Cryptocurrency Enthusiasts* Professional Networking Group
Member, Linux Foundation and the Hyperledger Project
Certifications, Certified Blockchain Professional | MySQL Administration |Local Area Networks Certification, DePaul University
Author, *Volatility Trading Demystified for Retail Investors | Understanding Bitcoin Investing with GBTC: A Simple, Effective Alternative to Owning Bitcoin Using Conventional Investing Methods*
Bachelor of Science, University of Florida

TECHNICAL APTITUDE

Agile project methodologies and tools, DevOps fundamentals, RDBMS, NoSQL DBMS, RESTful APIS, rules engines, microservices architecture design, workflow orchestration, blockchain stack, smart contracts, blockchain protocol fundamentals, cryptography fundamentals, High Availability Clustering, cloud and hybrid cloud infrastructure design, AWS, OpenShift, IaaS, VMWare ESXi, Microsoft Hyper-V Server, Windows, Unix (BSD), Linux and OS X

Programming Languages and Standards: Solidity, Node.js, C#, VB.net, PHP, T-SQL, Object Pascal, VBA,EDI X12 837