Samuel Rauch

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Experienced Project Manager • AWS Solutions Architect • Certified Blockchain Professional

20+ years of IT experience delivering cost-effective solutions that leverage emerging technologies to propel organizations into continued growth. Results-focused project manager skilled at delivering powerful, compelling outcomes while sustaining thought leadership and industry trend knowledge. Experienced, hands-on solutions creator who is recognized for execution and clear, thorough communication across a multitude of IT disciplines.

PROFESSIONAL EXPERIENCE

Director of Development and Blockchain Solutions | SharedLABS, Inc. | February 2018-Present
- Drive profitability by providing clients with leading edge technology-driven consulting and solutions.
- Project Manager for several projects leveraging cloud-based infrastructure and emerging technologies in mobile (iOS, Android, PWA) and web-based (Node.js, React Native, multiple JavaScript frameworks) development environments in a variety of industry verticals, including but not exhaustive: healthcare, data science, digital signage and commerce and software-based load balancing systems.
- Leading several onshore and offshore teams on a variety of software application development projects. Responsible for drafting proposals, clear, effective and timely client communications, managing budgets, resources, staff and schedules.
- Project lead for two melt-million dollar cross-platform (web, iOS, Android, Node.js, React Native) software products introducing Distributed Ledger and blockchain technologies into mature industries to drive next-generation capabilities and increase market value.
- Lead Architect for the SharedLABS Vault: a decentralized, cloud-based, next-generation storage network powered by consensus.
- PMP certification estimated in first quarter 2019.

Owner | SSR Technologies, LLC | 2017-Present
- Drive profitability by providing clients with leading edge technology-driven consulting and solutions.
- Delivered and augmenting RESTful API-based solutions for several clients in the healthcare industry.
- Developing and supporting a custom manufacturer's loyalty program for the nursing home industry.
- Implementing and supporting multiple data consolidation and process automation projects for multiple clients.
- Founded the local Blockchain/Cryptocurrency Meetup group.
- Blockchain consultant for startup initiatives on the AWS platform, Hyperledger and Microsoft Azure.

Director of Operations and Technology | Option Research and Technology Services, LLC | 2002-2017
- Co-Founded and directed all technological aspects of the product life cycle including data and metrics to institutional investors and research platforms.
- Delivered proprietary trading 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.
- Reduced operating expenses 25% by introducing/leading the transition to virtualization utilizing VMWare ESXi, clustering with Linux KVM technologies and AWS cloud technologies for redundancy, leverage and the centralization of security practices.
- Maximized a start-up budget to manage effective technology delivery including profitable vendor negotiations.
- Grew customer base with unique, dynamic data-driven products including equity dividend and equity earnings forecasting and employing financial forecasting methods.
- Designed the organization's primary data model.
- Implemented internal MySQL databases for maximum efficiency in creating and delivering data-driven products.
- Led several teams to drive technical operations employing Agile software release management, including strategic planning, DevOps and maintaining system documentation.
- Spearheaded new initiatives quickly, and assessed requirements, assembled effective teams and forged technical integrations.
- Directed and produced software to manage, monitor and complete business-critical tasks.

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

EDUCATION, CERTIFICATION & AFFILIATION

Bachelor of Science, Public Relations with Emphasis in Environmental Studies, University of Florida

Certifications, Certified Blockchain Professional | MySQL Implementation and Administration |Local Area Networks (LAN) Certification, DePaul University
Founder, *Blockchain Professionals and Cryptocurrency Enthusiasts* Professional Networking Group
Member, Linux Foundation, Hyperledger Project
Author, *Volatility Trading Demystified for Retail Investors, Bitcoin Investing Simplified for Retail Investors: A Simple, Effective Alternative to Owning Bitcoin Using Conventional Investing Methods*

TECHNICAL APTITUDE

Blockchain stack, smart contracts, Dapp design and protocol fundamentals, cryptography, virtualization, cloud and hybrid cloud, infrastructure design - primarily AWS, VMWare ESXi, Microsoft Hyper-V Server, Agile project methodologies, DevOps, database systems, RESTful APIS, security best practices, High Availability Clustering, facilitating critical migrations, 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