Ali Amin

* Portfolio: [AliAmin.info](http://AliAmin.info)  Ali@AliAmin.info  (571) 412-6731  [Github.com/AliSMAmin](https://github.com/AliSMAmin)  LinkedIn: in/ali-s-amin/

**SUMMARY**

Highly talented: **Blockchain Architect, Blockchain Analyst,** and **Cryptocurrency Consultant.** Specializing in: Bitcoin, Ethereum, and Flow blockchains. Over ten years of relevant professional experience. Wide range of experience in: developing technical solutions, technical subject-matter expertise, client-facing roles, and in preparing written proposals or similar documentation. Have assisted clients in saving hundreds of thousands of dollars through secure and efficient solutions.

**ENGINEERING STACK**

**EXPERIENCE | 10+ Years of Relevant Experience**

* **Blockchain Architect & Technical Lead** Elastech (Contract) • January 2022 – Current
	+ Successfully secured large contract with innovative blockchain-NFT company
	+ Golang and proprietary development, behavior-driven design
	+ Documented specifications for distributed systems engineering
	+ Team-lead responsible for providing guidance, oversight on technical project requirements, & leading collaborative Agile meetings
	+ Gathered, scoped, & defined customer needs/requirements
* **Systems-Business Analyst**  AG Transportation & Logistics • February 2021 – January 2022
	+ Planning for organizational impacts of systems & ensuring new technical cloud requirements are properly integrated
	+ Created business plan & Technical Solutions Architecture and Design Document for trucking management software start-up
* **Cryptocurrency Subject Matter Expert & Researcher** Coinbrief.net • Twenty-Three Months, Remote
	+ Described technical aspects of complex technologies
	+ Expertise on cryptocurrencies, dark web, and encryption; predicted the rise of smart-contracts and the popularity of blockchain-based platforms.
	+ Reported regularly on burgeoning developments in bitcoin, explaining a then relatively unknown technology in a simple fashion.

 **EXPERTISE & PLATFORM PROFICIENCIES**

* **Cryptocurrency, Blockchain, & NFT Analysis** | 10 Years
* **Flow, Bitcoin, & Ethereum Blockchains**
* **Decentralized Apps (DApps) & Oracles**
* **Distributed Systems Engineering** (Libp2p, gRPC)
* **Project Management** (Atlassian & Jira)
* **Front-End Frameworks & Client Libraries**
* **Consensus Algorithms**
* **Systems & Business Analysis** (BPEL, BPMN) | **2 Years**
* **Linux** (SELinux, Debian, Ubuntu, RHEL, CentOS) | **5 Years**
* **CLI & Shells** (Cinnamon, GNOME, KDE Plasma, SPICE) | **5 Years**
* **Cloud Environments** (Security, Governance, Compliance)| **3 Years**
* **AWS Cloud** (SaaS, PaaS, IaaS) | **1 Year**
* **S3, EC2, EBS, DynamoDB, VPCs, Lambda, Kinesis, Cloudfront, Beanstalk, RDS, SNS, SQS** | 1 Year
* **Virtualization** (VMWare & Virtual Box) | **8 Years**
* **IT Security** (Cryptography, Network Security, LUKS, and Hardening) | **8 Years**
* **Microsoft Office Professional Suite** (O365) | **12 Years**
* **Scripting & Automation** (Cron, Bash, Gedit, Nano, Vim) | **2 Years**
* **Software Engineering & Databases** (Python, Cadence, Go, REST, Envoy)| **2 Years**
* **BDD** (Behavior-Driven Design, Gherkin, Gingko)
* **Remote Connections** (ACLs, VPNs, & Proxies) | **5 Years**
* **Networking, ACLs, & Directory services** (LDAP, RADIUS, Kerberos, TACACS+)| **3 Years**
* **Data Management and Recovery** | 12 Years
* **Operations and Incident Response** (IDS/IPS, IPSEC) | **1 Year**
* **Identity & Access Management** | 5 Years
* **Resource Monitoring & Servers** | 12 Years
* **Software Development, Programming, & Management** | 3 Years
* **Systems Administration & Troubleshooting** | 3 Years

**CERTIFICATES & EDUCATION**

* **Bachelors Degree in Information Technology**
	+ *Western Governor’s University* | 4.0 GPA
* **Associates Degree in General Studies** • *NOVA Community College*
* **Linux+** • *CompTIA*
* **Security+** • *CompTIA*
* **A+** • *CompTIA*
* **Cloud+** • *CompTIA*
* **AWS Certified Solutions Architect Associate** • *Amazon Web Services*
* **AWS Certified Cloud Practitioner** • *Amazon Web Services*
* **Cloud Essentials+** • *CompTIA*
* **Certified Blockchain Architect** • *Blockchain Council*
* **Certified Blockchain Expert** • *Blockchain Council*
* **Certified NFT Expert** • *Blockchain Council*
* **Certified Ethereum Expert** • *Blockchain Council*
* **Secure Cloud Professional** • *CompTIA*
* **Systems Support Specialist** • *CompTIA*
* **IT Support Professional** • *Grow with Google*
* **Information Technology Fundamentals+** • *CompTIA*

**Introduction to Programming with MATLAB** • *MathWorks & Vanderbilt University*

* **Business Information Processing** • *200 Hours Training*

**PROJECTS**

* **Blockchain Technical Solutions Architecture and Design** Elastech
	+ Completed a TAADD (Technical Architecture and Design Document)
	+ Solutions Architect role where I configured, calibrated, and advised regarding computer-based systems.
	+ Analyzed existing architecture, identified problems, use-cases, designed solutions, created BDD module tests, schematics, performed risk analysis, headed SDLC
* **Software Technical Solutions Architecture and Design** Rescue Systems
	+ Created a TAADD for a mobile software application to design a car safety app for a start-up.
* **Software Technical Solution Architecture and Design** Ētr Culinary Marketing Group
	+ Designed a proposed culinary tech start-up app
	+ Developed local peer-to-peer marketplace, software design, and set-up networking architecture.
	+ Utilized data management, cloud software, cloud architecture, and systems administration.
* **Where is Bitcoin Going and When?**  Independent Research
	+ Analysis of macroeconomic and microeconomic factors vis-a-vis Bitcoin technology.
* **Bit-thereum – The Potential of Bitcoin, Ethereum, and Orisi** Coinbrief
* **Lex Cryptographia, Bitcoin, and the Revolution of OpenBazaar** Coinbrief

**SKILLS**

* **Leadership & Team Dynamics**
* **Decision Making**
* **Communication**
* **Project Management**
* **Time Management**
* **Customer/Client Service**
* **Problem Solving**
* **Conflict Resolution**
* **Supervising**
* **Collaboration & Teamwork**
* **Creativity**
* **Critical Thinking**
* **Technical Writing**
* **Emotional Intelligence**
* **IT Consultancy**
* **Business Acumen**
* **Public Speaking**
* **Written & Verbal communication**